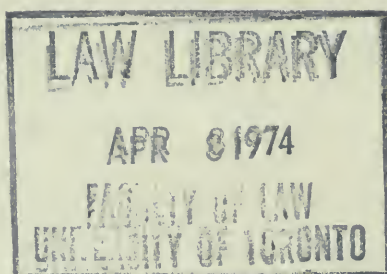


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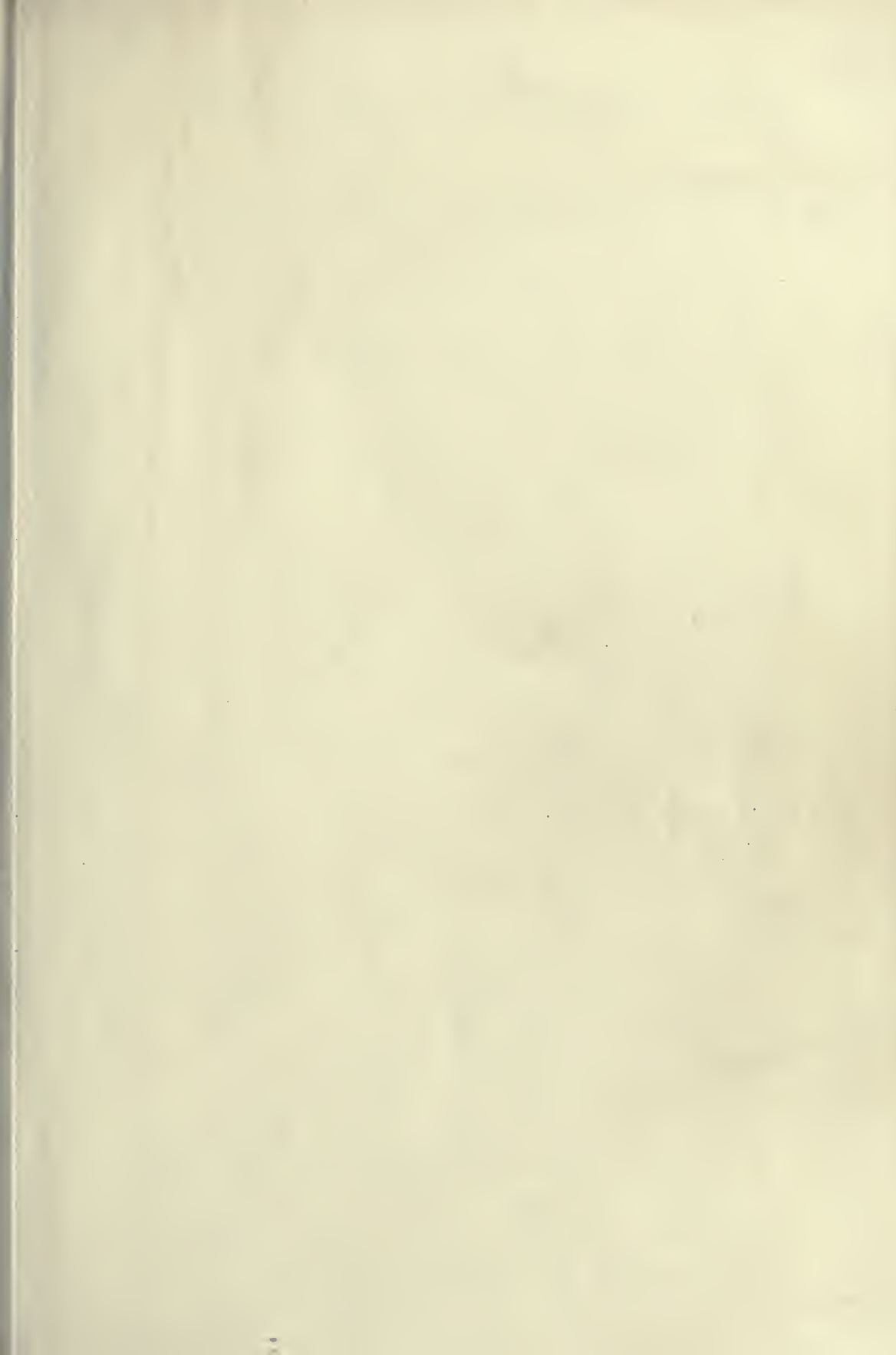
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# THE HISTORY OF THE

UNITED STATES OF AMERICA

FROM 1776 TO 1876

BY

JOHN P. KENNEDY

NEW YORK

1876

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# TABLE OF REGULATIONS

FILED UNDER THE REGULATIONS ACT

## To the 31st Day of December, 1973

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(See now **The Public Transportation and Highway Improvement Act**)

(title of Act changed July 23rd, 1971, See S.O. 1971, c. 61, s. 1.)

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<i>amended</i> . . . . .	767/73	Dec. 22/73	
<i>amended</i> . . . . .	784/73	Dec. 29/73	
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<i>amended</i> . . . . .	471/73	Aug. 25/73	
<i>amended</i> . . . . .	589/73	Oct. 6/73	
<i>amended</i> . . . . .	651/73	Nov. 3/73	
<i>amended</i> . . . . .	678/73	Nov. 17/73	
<i>amended</i> . . . . .	785/73	Dec. 29/73	
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<i>amended</i> . . . . .	294/72	July 1/72	
<i>amended</i> . . . . .	404/72	Aug. 26/72	
<i>amended</i> . . . . .	488/72	Oct. 21/72	
<i>amended</i> . . . . .	2/73	Jan. 20/73	
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<i>amended</i> . . . . .	100/73	Mar. 17/73	
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<i>amended</i> . . . . .	786/73	Dec. 29/73	
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<i>amended</i> . . . . .	277/72	June 17/72	
<i>amended</i> . . . . .	348/72	July 29/72	
<i>amended</i> . . . . .	406/72	Aug. 26/72	
<i>amended</i> . . . . .	492/72	Oct. 21/72	
<i>amended</i> . . . . .	525/72	Nov. 11/72	
<i>amended</i> . . . . .	99/73	Mar. 17/73	
<i>amended</i> . . . . .	237/73	May 5/73	
<i>amended</i> . . . . .	345/73	June 23/73	
<i>amended</i> . . . . .	526/73	Sept. 8/73	
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<i>amended</i> . . . . .	697/73	Nov. 24/73	
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<i>amended</i> . . . . .	275/72	June 17/72	
<i>amended</i> . . . . .	405/72	Aug. 26/72	
<i>amended</i> . . . . .	489/72	Oct. 21/72	
<i>amended</i> . . . . .	490/72	Oct. 21/72	
<i>amended</i> . . . . .	236/73	May 5/73	
<i>amended</i> . . . . .	607/73	Oct. 20/73	
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<i>amended</i> . . . . .	55/73	Feb. 24/73	
County of Oxford—Township of East Zorra . . . . .	44/73	Feb. 17/73	
<i>amended</i> . . . . .	200/73	Apr. 21/73	
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County of Simcoe—Township of Vespra . . . . .	62/73		Mar. 3/73
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District of Kenora, Patricia Portion . . . . .	69/71		Feb. 20/71
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<i>amended</i> . . . . .	507/73		Sept. 1/73
<i>amended</i> . . . . .	581/73		Sept. 29/73
<i>amended</i> . . . . .	655/73		Nov. 10/73
<i>amended</i> . . . . .	709/73		Dec. 1/73
<i>amended</i> . . . . .	781/73		Dec. 29/73
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<i>amended</i> . . . . .	434/73		Aug. 4/73
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<i>amended</i> . . . . .	227/72		May 27/72
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<i>amended</i> . . . . .	360/72		Aug. 5/72
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<i>amended</i> .....	...	73 /73	Mar. 10 /73
<i>amended</i> .....	...	376 /73	July 7 /73
<i>amended</i> .....	...	800 /73	Dec. 29 /73
<b>Voters' Lists Act</b>			
General .....	822	.....	.....
<div>W</div>			
<b>Warble Fly Control Act</b>			
General .....	823	.....	.....
<i>amended</i> .....	...	15 /73	Feb. 3 /73
<b>Waste Management Act</b> (See now Environmental Protection Act, 1971)			
<b>Weed Control Act</b>			
General .....	...	195 /73	Apr. 21 /73
<b>Welfare Units Act</b>			
General .....	826	.....	.....
<b>Wild Rice Harvesting Act</b>			
General .....	827	.....	.....
<b>Wilderness Areas Act</b>			
Wilderness Areas .....	828	.....	.....
<i>amended</i> .....	...	204 /71	May 29 /71
<i>amended</i> .....	...	509 /71	Dec. 25 /71
<i>amended</i> .....	...	225 /72	May 27 /72
<b>Wine Content Act, 1972</b>			
General .....	...	107 /73	Mar. 17 /73
<b>Wolf and Bear Bounty Act</b>			
Bounties .....	829	.....	.....
Wolves or Bears in Captivity .....	830	.....	.....
<b>Wolf Damage to Live Stock Compensation Act, 1972</b>			
Application for and Payment of Compensation .....	...	16 /73	Feb. 3 /73



	Regulation No.		Date of Gazette
	R.R.O. 1970	O. Reg.	
<b>Women's Equal Employment Opportunity Act</b>			
Forms .....	831	.....	.....
<b>Woodlands Improvement Act</b>			
General .....	832	.....	.....
<i>amended</i> .....	...	378/71	Sept. 25/71
<i>amended</i> .....	...	455/71	Nov. 6/71
<b>Workmen's Compensation Act</b>			
First-Aid Requirements .....	...	6/71	Jan. 16/71
General .....	834	.....	.....
<i>amended</i> .....	...	5/71	Jan. 16/71
<i>amended</i> .....	...	186/72	May 6/72
<i>amended</i> .....	...	591/72	Jan. 13/73
<i>amended</i> .....	...	246/73	May 12/73
<i>amended</i> .....	...	814/73	Jan. 12/74
Pension Plan .....	835	.....	.....
<i>amended</i> .....	...	520/72	Nov. 11/72
<i>amended</i> .....	...	626/73	Oct. 27/73

## PART II

Showing the Regulations contained in Revised Regulations of Ontario, 1970 and subsequent Regulations filed to the 31st day of December, 1973, that have been revoked, are revoking only or have expired.

R.R.O. 1970 Regulations	Disposition	R.R.O. 1970 Regulations	Disposition
3	Rev. 494 /73	282	Rev. 298 /72
4	Rev. 494 /73	299	Rev. 430 /71
10	Rev. 183 /72	315	Rev. 593 /72
27	Rev. 371 /71	316	Rev. 594 /72
28	Rev. 165 /72	347	Rev. 413 /73
38	Rev. 171 /73	350	Rev. 275 /73
40	Rev. 268 /71	361	Rev. 516 /73
42	Rev. 293 /72	374	Rev. 387 /72
47	Rev. 298 /73	376	Rev. 181 /71
48	Rev. 124 /73	381	Rev. 746 /73
52	Rev. 612 /73	388	Rev. 123 /72
58	Rev. 423 /72	417	Rev. 731 /73
59	Rev. 411 /72	428	Rev. 92 /73
60	Rev. 268 /71	443	Rev. 323 /72
61	Rev. 370 /72	444	Rev. 323 /72
67	Rev. 476 /72	446	Rev. 323 /72
91	Rev. 21 /71	447	Rev. 124 /72
99	Rev. 273 /72	448	Rev. 367 /71
101	Rev. 460 /72	451	Rev. 558 /72
106	Rev. 273 /72	452	Rev. 559 /72
116	Rev. 224 /71	453	Rev. 259 /72
117	Rev. 108 /71	454	Rev. 259 /72
120	Rev. 755 /73	482	Rev. 106 /71
122	Rev. 272 /72	519	Rev. 318 /71
124	Rev. 37 /71	540	Rev. 13 /72
125	Rev. 735 /73	542	Rev. 219 /71
127	Rev. 419 /73	543	Rev. 526 /71
131	Rev. 307 /73	561	Rev. 736 /73
132	Rev. 307 /73	565	Rev. 498 /71
145	Rev. 187 /72	581	Rev. 394 /72
146	Rev. 187 /72	603	Rev. 546 /71
147	Rev. 367 /73	606	Rev. 775 /73
149	Rev. 319 /72	610	Rev. 465 /71
157	Rev. 320 /72	613	Rev. 372 /73
164	Rev. 397 /71	615	Rev. 451 /71
192	Rev. 517 /71	622	Rev. 508 /72
195	Rev. 510 /72	633	Rev. 624 /73
196	Rev. 295 /73	653	Rev. 347 /73
197	Rev. 392 /71	655	Rev. 207 /72
203	Rev. 457 /71	664	Rev. 68 /71
206	Rev. 517 /71	665	Rev. 69 /71
209	Rev. 205 /71	676	Rev. 568 /72
212	Rev. 246 /72	683	Rev. 168 /73
214	Rev. 419 /73	684	Rev. 564 /73
216	Rev. 69 /73	707	Rev. 429 /72
219	Rev. 390 /72	708	Rev. 668 /73
220	Rev. 720 /73	716	Rev. 113 /71
221	Rev. 261 /73	730	Rev. 349 /71
222	Rev. 190 /71	731	Rev. 293 /71
237	Rev. 197 /71	736	Rev. 437 /71
252	Rev. 45 /72	747	Rev. 349 /71
253	Rev. 298 /72	748	Rev. 339 /72
258	Rev. 134 /72	750	Exp.

R.R.O. 1970 Regulations	Disposition	Ontario Regulations	Disposition
751	Exp.	158/71	Rev. 463/72
752	Exp.	165/71	Rev. 128/72
753	Exp.	173/71	Exp.
754	Rev. 274/71	183/71	Rev. 187/72
755	Exp.	184/71	Rev. 116/73
758	Exp.	185/71	Rev. 367/73
773	Rev. 368/71	186/71	Rev. 187/72
776	Rev. 156/72	190/71	Rev. 316/73
782	Rev. 86/72	192/71	Rev. 439/72
783	Rev. 243/71	193/71	Rev. 438/72
805	Rev. 376/71	205/71	Revkg.
813	Rev. 677/73	209/71	Rev. 69/73
816	Rev. 419/73	212/71	Rev. 324/71
818	Rev. 98/71	213/71	Revkg.
825	Rev. 195/73	214/71	Rev. 12/72
833	Rev. 6/71	219/71	Revkg.
		220/71	Revkg.
		222/71	Rev. 388/72
		223/71	Rev. 768/73
		226/71	Rev. 612/73
		235/71	Rev. 123/72
		240/71	Rev. 453/72
		241/71	Rev. 323/72
		242/71	Exp.
		243/71	Exp.
		245/71	Rev. 250/71
		247/71	Rev. 338/72
		250/71	Revkg.
		251/71	Rev. 219/72
		253/71	Rev. 73/72
		261/71	Exp.
		268/71	Rev. 465/71
		270/71	Rev. 419/73
		274/71	Revkg.
		277/71	Rev. 715/73
		278/71	Exp.
		279/71	Exp.
		290/71	Rev. 370/72
		295/71	Rev. 336/72
		298/71	Rev. 522/73
		301/71	Rev. 527/71
		325/71	Rev. 69/73
		326/71	Rev. 200/72
		334/71	Rev. 568/72
		338/71	Rev. 339/72
		341/71	Rev. 323/72
		345/71	Rev. 451/71
		346/71	Exp.
		347/71	Exp.
		348/71	Rev. 48/73
		351/71	Rev. 159/72
		352/71	Rev. 360/71
		354/71	Rev. 713/73
		358/71	Rev. 360/71
		359/71	Rev. 69/73
		360/71	Revkg.
		370/71	Rev. 275/73
		381/71	Rev. 498/71
		388/71	Rev. 800/73
		408/71	Rev. 323/72
		412/71	Exp.
Ontario Regulations	Disposition		
4/71	Rev. 37/72		
7/71	Rev. 168/73		
8/71	Revkg.		
13/71	Rev. 158/72		
14/71	Rev. 598/72		
26/71	Rev. 347/73		
31/71	Exp.		
34/71	Rev. 17/72		
35/71	Rev. 452/72		
46/71	Rev. 594/72		
47/71	Rev. 43/73		
48/71	Rev. 103/71		
49/71	Rev. 48/73		
50/71	Rev. 429/71		
54/71	Rev. 94/72		
55/71	Rev. 76/72		
56/71	Rev. 452/72		
60/71	Rev. 323/72		
64/71	Rev. 568/72		
65/71	Rev. 158/72		
66/71	Rev. 159/72		
76/71	Rev. 124/73		
79/71	Rev. 298/73		
83/71	Exp.		
84/71	Rev. 211/73		
85/71	Exp.		
88/71	Rev. 431/72		
93/71	Rev. 69/73		
102/71	Rev. 618/73		
103/71	Rev. 543/71		
104/71	Rev. 494/73		
105/71	Rev. 420/71		
108/71	Rev. 824/73		
109/71	Rev. 94/72		
110/71	Exp.		
112/71	Rev. 494/73		
130/71	Rev. 494/73		
132/71	Rev. 94/72		
147/71	Exp.		
156/71	Rev. 268/72		



Ontario Regulations	Disposition	Ontario Regulations	Disposition
414/71	Exp.	89/72	Rev. 289/72
415/71	Exp.	95/72	Rev. 159/72
416/71	Exp.	96/72	Rev. 158/72
418/71	Rev. 388/72	97/72	Exp.
425/71	Exp.	111/72	Rev. 173/72
427/71	Rev. 48/73	116/72	Rev. 568/72
429/71	Rev. 7/73	123/72	Revkg.
430/71	Revkg.	124/72	Rev. 323/72
431/71	Rev. 158/72	130/72	Rev. 272/73
433/71	Rev. 69/73	134/72	Revkg.
434/71	Rev. 123/72	141/72	Exp.
435/71	Rev. 800/73	142/72	Exp.
447/71	Exp.	155/72	Rev. 347/73
448/71	Exp.	157/72	Rev. 323/72
449/71	Exp.	158/72	Rev. 184/73
450/71	Exp.	159/72	Rev. 183/73
451/71	Rev. 237/72	162/72	Exp.
452/71	Rev. 323/72	163/72	Exp.
457/71	Revkg.	181/72	Rev. 713/73
459/71	Rev. 15/72	184/72	Rev. 594/72
462/71	Rev. 505/71	190/72	Exp.
463/71	Rev. 506/71	192/72	Rev. 337/72
464/71	Exp.	203/72	Exp.
465/71	Rev. 562/73	206/72	Rev. 677/73
468/71	Rev. 267/72	210/72	Exp.
476/71	Exp.	220/72	Rev. 323/72
481/71	Rev. 464/72	228/72	Rev. 224/73
488/71	Rev. 48/73	237/72	Rev. 441/73
498/71	Rev. 568/72	244/72	Rev. 264/72
500/71	Exp.	246/72	Revkg.
505/71	Rev. 536/71	249/72	Rev. 264/72
506/71	Rev. 537/71	250/72	Rev. 264/72
511/71	Rev. 323/72	251/72	Rev. 264/72
531/71	Rev. 140/73	252/72	Rev. 264/72
536/71	Rev. 271/72	253/72	Rev. 264/72
537/71	Rev. 270/72	254/72	Rev. 264/72
540/71	Rev. S.O. 1972, c. 66, s. 18	261/72	Rev. 454/73
543/71	Rev. 326/72	264/72	Revkg.
2/72	Exp.	265/72	Rev. 594/72
5/72	Rev. 121/73	270/72	Rev. 262/73
7/72	Rev. 31/73	271/72	Rev. 444/72
11/72	Rev. 713/73	278/72	Exp.
20/72	Rev. 413/73	279/72	Exp.
25/72	Rev. 187/73	280/72	Exp.
35/72	Rev. 96/72	281/72	Rev. 407/73
36/72	Rev. 95/72	284/72	Rev. 746/73
39/72	Rev. 797/73	286/72	Exp.
50/72	Rev. 87/73	289/72	Rev. 117/73
54/72	Rev. 494/73	290/72	Rev. 594/72
58/72	Rev. 375/73	291/72	Rev. 719/73
59/72	Rev. 715/73	302/72	Rev. 568/72
61/72	Rev. 268/72	305/72	Rev. 413/72
65/72	Rev. 799/73	312/72	Rev. 713/73
66/72	Rev. 378/72	314/72	Rev. 48/73
67/72	Rev. 797/73	326/72	Rev. 349/73
68/72	Rev. 473/72	327/72	Exp.
73/72	Rev. 446/72	329/72	Rev. 178/73
76/72	Revkg.	332/72	Rev. 184/73
86/72	Revkg.	333/72	Rev. 183/73
87/72	Rev. 69/73	336/72	Rev. 336/73
		337/72	Rev. 69/73

Ontario Regulations	Disposition	Ontario Regulations	Disposition
343/72	Rev. 464/72	169/73	Rev. 230/73
344/72	Exp.	183/73	Rev. 461/73
355/72	Exp.	184/73	Rev. 460/73
359/72	Exp.	185/73	Rev. 713/73
361/72	Rev. 544/72	188/73	Rev. 240/73
369/72	Rev. 31/73	227/73	Rev. 429/73
379/72	Rev. 686/73	235/73	Rev. 407/73
388/72	Rev. 393/73	240/73	Rev. 812/73
394/72	Rev. 299/73	262/73	Rev. 554/73
413/72	Rev. 48/73	263/73	Rev. 553/73
424/72	Rev. 713/73	264/73	Rev. 791/73
429/72	Revkg.	268/73	Rev. 423/73
434/72	Rev. 164/73	331/73	Rev. 703/73
444/72	Rev. 263/73	334/73	Rev. 405/73
446/72	Revkg.	335/73	Rev. 404/73
448/72	Exp.	349/73	Rev. 427/73
456/72	Rev. 713/73	352/73	Rev. 471/73
461/72	Rev. 48/73	354/73	Rev. 534/73
476/72	Revkg.	374/73	Rev. 799/73
481/72	Rev. 174/73	378/73	Rev. 797/73
482/72	Rev. 173/73	383/73	Rev. 804/73
484/72	Exp.	404/73	Rev. 458/73
494/72	Rev. 48/73	405/73	Rev. 457/73
498/72	Rev. 568/72	427/73	Rev. 572/73
512/72	Revkg.	457/73	Rev. 603/73
522/72	Rev. 48/73	458/73	Rev. 675/73
523/72	Rev. 393/73	505/73	Rev. 707/73
544/72	Rev. 547/73	506/73	Rev. 708/73
553/72	Revkg.	534/73	Rev. 756/73
558/72	Revkg.	553/73	Rev. 707/73
567/72	Rev. 720/73	554/73	Rev. 708/73
574/72	Exp.	559/73	Rev. 801/73
579/72	Rev. 752/73	572/73	Rev. 627/73
583/72	Rev. 713/73	595/73	Rev. 792/73
588/72	Rev. 331/73	604/73	Rev. 675/73
596/72	Rev. 372/73	606/73	Rev. 775/73
598/72	Rev. 174/73	676/73	Rev. 754/73
		707/73	Rev. 827/73
69/73	Rev. 804/73	708/73	Rev. 828/73
101/73	Rev. 235/73	714/73	Rev. 798/73
133/73	Rev. 444/73	753/73	Rev. 827/73
148/73	Rev. 492/73	754/73	Rev. 828/73
156/73	Rev. 347/73		





# Publications Under The Regulations Act

January 20th, 1973

## THE PLANNING ACT

### O. Reg. 1/73.

Restricted Areas—Regional Municipality of York, Town of Markham.  
Made—December 27th, 1972.  
Filed—January 2nd, 1973.

### ORDER MADE UNDER THE PLANNING ACT

1. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72 and 491/72, is further amended by adding thereto the following sections:

21. Notwithstanding any other provisions of this Order, the land described in Schedule 9 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

#### AREA REQUIREMENTS

1. Minimum front yard 25 feet
- Minimum side yard 10 feet
- Minimum rear yard 25 feet
- Minimum total floor area one storey—1,500 square feet,  
one and one-half storeys—1,650 square feet,  
two storeys—1,800 square feet.

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. Accessory buildings or structures shall be erected only in the rear yard and shall be at least two feet from the nearest lot line. O. Reg. 1/73, s. 1, *part*.
22. Notwithstanding any other provisions of this Order, the land described in Schedule 10 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

#### AREA REQUIREMENTS

1. Minimum front yard 25 feet
- Minimum side yard 20 feet
- Minimum rear yard 25 feet
- Minimum total floor area one storey—1,500 square feet,  
one and one-half storeys—1,650 square feet,  
two storeys—1,800 square feet.

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. All accessory buildings that are not part of the main building shall be erected only in the rear yard and shall be at least two feet from the nearest lot line.
3. No accessory building or structure shall be erected closer to the street line than the front walls of the buildings located on the adjoining residential properties. O. Reg. 1/73, s. 1, *part*.

23. Notwithstanding any other provisions of this Order, the land described in Schedule 11 may be used for the extension of kennels provided the following requirements are met:

#### AREA REQUIREMENTS

- Minimum front yard 25 feet
- Minimum side yard 20 feet
- Minimum rear yard 25 feet

O. Reg. 1/73, s. 1, *part*.

2. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72 and 491/72, is further amended by adding thereto the following schedules:

#### Schedule 9

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Town of Markham in The Regional Municipality

of York, formerly in the Township of Markham in the County of York, and being composed of Lot 9 according to Plan 5937 for the said Town. O. Reg. 1/73, s. 2, *part*.

#### Schedule 10

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Town of Markham in the Regional Municipality of York, formerly in the Township of Markham in the County of York, and being composed of part of Lot 20 in Concession III of the said Town, more particularly described as follows:

Beginning at the northeast angle of Lot 20;

Thence westerly along the northerly limit of the said Lot 20, a distance of 1,010 feet to an iron bar planted;

Thence south 9° east, a distance of 190.08 feet to an iron bar planted;

Thence south 74° 5' 40" west, a distance of 100 feet to an iron pipe planted;

Thence south 9° east, a distance of 320.08 feet to an iron bar planted;

Thence north 74° 5' 40" east, a distance of 860 feet to an iron pipe planted;

Thence north 9° west, being parallel to the easterly limit of the said Lot, a distance of 150 feet to an iron pipe planted;

Thence north 74° 5' 40" east, a distance of 250 feet to a point in the easterly limit of the said Lot, distant 360.08 feet measured southerly therealong from the northeast angle of the said Lot 20;

Thence northerly along the easterly limit of the said Lot a distance of 360.08 feet to the place of beginning. O. Reg. 1/73, s. 2, *part*.

#### Schedule 11

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Town of Markham in the Regional Municipality of York, formerly in the Township of Markham in the County of York, containing by admeasurement 10.05 acres, more or less, and being composed of part of Lot 31 in Concession V in the said Town, more particularly described as follows:

Premising that the southerly limit of the said Lot 31 has a bearing of north 78° 24' 30" east and relating all bearings herein thereto;

Beginning at a point in the easterly limit of the said Lot 31, distant northerly therealong 945.78 feet from the southeast angle thereof;

Thence south 78° 24' 30" west, a distance of 944.07 feet, more or less, to an iron bar planted;

Thence north 4° 42' 40" west, a distance of 461.02 feet, more or less, to an iron bar planted in the northerly limit of the said Lot 31;

Thence north 77° 40' 50" east, along the said northerly limit, a distance of 945.59 feet, more or less, to the northeast angle of the said Lot 31;

Thence south 4° 42' 40" east, along the said easterly limit of Lot 31, a distance of 473.12 feet, more or less, to the place of beginning. O. Reg. 2/73, s. 2, *part*.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 27th day of December, 1972.

(4554)

3

#### THE PLANNING ACT

##### O. Reg. 2/73.

Restricted Areas—County of Ontario,  
Township of Pickering.

Made—December 27th, 1972.

Filed—January 2nd, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

1. Ontario Regulation 102/72, as amended by Ontario Regulations 179/72, 294/72, 404/72 and 488/72, is further amended by adding thereto the following section:

19. Notwithstanding any other provisions of this Order, the lands described in Schedule 6 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

##### AREA REQUIREMENTS

1. Maximum lot coverage	not to exceed 20 per cent
Minimum front yard	40 feet
Minimum rear yard	40 feet
Minimum side yard on each side	10 feet
Minimum total floor area	1,150 square feet



## OBSTRUCTION OF YARDS

2. Except for,

- (i) main eaves, belt courses, chimney breasts, sills or cornices which do not extend more than two feet into any required yard,
- (ii) uncovered steps or platforms not exceeding three feet in height above grade and not extending more than five feet into any required front or rear yard or more than two feet into any side yard,
- (iii) awnings, clothes poles, recreational equipment, garden trellises or similar accessories,
- (iv) fences in a side or rear yard,
- (v) hedges or ornamental fences not exceeding three feet six inches in height in a front yard, or
- (vi) accessory uses permitted by this Order,

no person shall obstruct or cause any obstruction in any front yard, side yard or rear yard required to be provided by this Order.

REQUIREMENTS FOR ACCESSORY  
BUILDINGS AND STRUCTURES

- 3. All accessory buildings that are not part of the main building shall be erected in the rear yard and shall be not less than three feet from any lot line.
- 4. Except for a private garage, the total lot coverage of an accessory building shall not exceed 5 per cent.
- 5. No accessory building shall exceed a height of twelve feet.
- 6. No accessory building shall be used for human habitation. O. Reg. 2/73, s. 1.
- 2. Ontario Regulation 102/72 is further amended by adding thereto the following Schedule:

**Schedule 6**

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Pickering in the County of Ontario

and being composed of Lot 3 according to Plan 555 for the Township of Pickering. O. Reg. 2/73, s. 2.

G. M. FARROW

*Director,  
Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 27th day of December, 1972.

(4555)

3

**THE HIGHWAY TRAFFIC ACT**

**O. Reg. 3/73.**

Designation of Freeze-up Period pursuant to section 75 (2) of *The Highway Traffic Act*.

Made—December 29th, 1972.

Filed—January 3rd, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

Designation of Freeze-up Period pursuant to Section 75 (2) of *The Highway Traffic Act*

1. Pursuant to section 75 (2) of *The Highway Traffic Act*, I hereby designate January 1st, 1973 as the starting date during which freeze-up allowances contained in section 75 (1) will be authorized. O. Reg. 3/73, s. 1.

2. During freeze-up the maximum weight for a vehicle or combination of vehicles while carrying raw forest products only shall be 110 per cent of that weight for which the vehicle or combination of vehicles is registered provided no axle unit weight exceeds by more than 10 per cent that weight prescribed in the regulations or temporary authority issued pursuant to clause b of section 73 for such vehicle or combination of vehicles. O. Reg. 3/73, s. 2.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 29th day of December, 1972.

(4556)

3





# Publications Under The Regulations Act

January 27th, 1973

## THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

### O. Reg. 4/73.

Order of the Minister.

Made—December 29th, 1972.

Filed—January 8th, 1973.

### REGULATION MADE UNDER THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

IN THE MATTER OF the establishment of a public library board in the area municipality of the Town of Onaping Falls.

#### ORDER OF THE MINISTER

Under the provisions of subsection 2 of section 133 of *The Regional Municipality of Sudbury Act, 1972*, IT IS ORDERED:

1. A public library board shall be established for the area municipality of The Town of Onaping Falls and shall be known as The Onaping Falls Public Library Board. O. Reg. 4/73, s. 1.

2. The Onaping Falls Public Library Board shall assume all the assets and liabilities of The Levack Public Library Board and the public library boards of the municipalities of the Improvement District of Onaping and the Corporation of the Township of Dowling. O. Reg. 4/73, s. 2.

3. This Order shall be deemed to have come into force on the 1st day of January, 1973. O. Reg. 4/73, s. 3.

C. MACNAUGHTON  
*Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs*

Dated at Toronto, this 29th day of December, 1972.

## THE REGIONAL MUNICIPALITY OF WATERLOO ACT, 1972

### O. Reg. 5/73.

Order of the Minister.

Made—December 21st, 1972.

Filed—January 8th, 1973.

### REGULATION MADE UNDER THE REGIONAL MUNICIPALITY OF WATERLOO ACT, 1972

IN THE MATTER OF the establishment of a public library board in the area municipality of the City of Cambridge;

AND IN THE MATTER OF the dissolution of certain boards of community centres and boards of recreation or park management in the municipalities formerly known as the City of Galt, the Town of Preston and the Town of Hespeler.

#### ORDER OF THE MINISTER

Under the provisions of sections 179 and 183 of *The Regional Municipality of Waterloo Act, 1972*, IT IS ORDERED:

1. A public library board shall be established for the area municipality of The City of Cambridge and shall be known as The Cambridge Public Library Board. O. Reg. 5/73, s. 1.

2. The Cambridge Public Library Board shall assume all the assets and liabilities of the public library boards of the municipalities formerly known as the City of Galt, the Town of Preston and the Town of Hespeler. O. Reg. 5/73, s. 2.

3. The following boards and commissions are dissolved:

1. The Galt Board of Parks Management
2. The Galt Community Centres Board
3. The Parks and Recreation Committee of the City of Galt
4. The Preston Arena Board
5. The Preston Recreation Commission

6. The Preston Community Centres Board
7. The Preston Board of Park Management
8. The Hespeler Parks, Recreation and Community Centres Committee. O. Reg. 5/73 s. 3.
4. The council of the area municipality of the City of Cambridge shall be deemed to be a recreation committee under *The Ministry of Community and Social Services Act* and the regulations thereunder. O. Reg. 5/73, s. 4.
5. The council of the area municipality of the City of Cambridge shall be deemed to be a board of a community centre under *The Community Centres Act*. O. Reg. 5/73, s. 5.
6. This Order shall be deemed to have come into force on the 1st day of January, 1973. O. Reg. 5/73, s. 6.

C. MACNAUGHTON  
*Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs*

Dated at Toronto, this 21st day of December, 1972.

(4600)

4

## THE PLANNING ACT

### O. Reg. 6/73.

Zoning Order—County of Simcoe, Township of Nottawasaga.  
Made—December 27th, 1972.  
Filed—January 10th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

1. Sections 40 and 43 of Regulation 675 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 507/72, are revoked and the following substituted therefor:
40. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 1, 3, 4, 6, 8, 9, 10, 11, 13, 14, 16, 17, 21, 22, 26, 31, 32, 33, 34, 35, 50, 52, 53, 54, 55, 56, 57, 58, 62, 63, 64, 65, 66, 67, 71, 72, 73, 74 and 75 may each be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

Maximum lot coverage	15 per cent
Minimum front yard	25 feet

Minimum side yard	10 feet on one side and 4 feet on the other side
Minimum rear yard	25 feet
Maximum height	20 feet
Minimum ground floor area	one storey—1,000 square feet, one and one-half storeys or more— 750 square feet

O. Reg. 6/73, s. 1, *part.*

43. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 12, 19, 20, 24, 27, 28, 29, 38, 39, 40, 41, 42, 43, 48, 49, 59, 60, 61, 68, 69, 70 and 76 may each be used for the erection of one single-family detached cottage and buildings and structures accessory thereto provided the following requirements are met:

Maximum lot coverage	15 per cent
Minimum front yard	25 feet
Minimum side yard	10 feet on one side and 4 feet on the other side
Minimum rear yard	25 feet

O. Reg. 6/73, s. 1, *part.*

2. Section 47 of Regulation 675 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 133/72, is revoked and the following substituted therefor:

47. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 37 and 77 may each be used for one single-family dwelling and buildings and structures accessory thereto. O. Reg. 6/73, s. 2.

3. Regulation 675 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

50. Notwithstanding any other provisions of this Order, the lands described in Schedule 78 may be used for the purpose of an asparagus farm only, but no buildings or structures may be erected on the said lands. O. Reg. 6/73, s. 3.

4. Regulation 675 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:



**Schedule 71**

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Lot 22 in Concession X of the said Township, more particularly described as follows:

Premising that the bearings herein are astronomic and are referred to the meridian passing through the northwest angle of Lot 21, Concession XII;

Beginning at a point in the southerly limit of the said Lot 22 and distant 2,640 feet measured easterly therealong from the southwest angle thereof;

Thence north  $73^{\circ} 34' 10''$  east continuing to follow the said southerly limit of Lot 22, a distance of 220 feet to a point;

Thence north  $8^{\circ} 48' 00''$  west parallel with the westerly limit of the said Lot, a distance of 989.19 feet to its intersection with the line between the north and south halves of Lot 22;

Thence south  $73^{\circ} 39' 30''$  west along the said half lot line a distance of 220 feet to a point;

Thence south  $8^{\circ} 48' 00''$  east parallel with the aforesaid westerly limit, a distance of 989.58 feet to the place of beginning. O. Reg. 6/73, s. 4, *part*.

**Schedule 72**

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Lot 22 in Concession X, more particularly described as follows:

Premising that the bearings herein are astronomic and are referred to the meridian passing through the northwest angle of Lot 21 in Concession XII;

Beginning at a point in the southerly limit of the said Lot 22 and distant 3,300 feet measured easterly therealong from the southwest angle thereof;

Thence north  $73^{\circ} 34' 00''$  east, continuing to follow the said southerly limit of Lot 22, a distance of 220 feet to a point;

Thence north  $8^{\circ} 48' 00''$  west, parallel with the westerly limit of the said Lot, a distance of 987.98 feet to its intersection with the line between the north and south halves of Lot 22;

Thence south  $73^{\circ} 39' 30''$  west, along the said half lot line, a distance of 220 feet to a point;

Thence south  $8^{\circ} 48' 00''$  east, parallel with the aforesaid westerly limit, a distance of 988.38 feet to the place of beginning. O. Reg. 6/73, s. 4, *part*.

**Schedule 73**

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of a part of Lot 22 in Concession X, more particularly described as follows:

Premising that the bearings herein are astronomic and are referred to the meridian passing through the northwest angle of Lot 21, Concession XII;

Beginning at a point in the southerly limit of the said Lot 22 and distant 1,760 feet measured easterly therealong from the southwest angle thereof;

Thence north  $73^{\circ} 34' 00''$  east, continuing to follow the said southerly limit of Lot 22, a distance of 220 feet to a point;

Thence north  $8^{\circ} 48' 00''$  west, parallel with the westerly limit of the said Lot, a distance of 990.78 feet to its intersection with the line between the north and south halves of Lot 22;

Thence south  $73^{\circ} 39' 30''$  west, along the said half lot line, a distance of 220 feet to a point;

Thence south  $8^{\circ} 48' 00''$  east, parallel with the aforesaid westerly limit, a distance of 991.18 feet to the place of beginning. O. Reg. 6/73, s. 4, *part*.

**Schedule 74**

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Lot 44 in Concession XII, more particularly described as follows:

Premising that the bearings herein are astronomic and are derived from Department of Highways Plan P-1904-7;

Beginning at an iron survey bar set in the westerly limit of Lot 44, distant 523.71 feet northerly therealong on a course of north  $8^{\circ} 31' 00''$  west from the southwesterly angle thereof;

Thence north  $8^{\circ} 31' 00''$  west, continuing to follow the said westerly limit of Lot 44, a distance of 110 feet to an iron survey bar;

Thence north  $73^{\circ} 50' 30''$  east, a distance of 320.56 feet to an iron survey bar;

Thence continuing north  $73^{\circ} 50' 30''$  east, a distance of 5.5 feet, more or less, to the westerly bank of the Silver Creek running through the said Lot.

Thence southeasterly along the last-mentioned limit of Silver Creek, a distance of 116 feet, more or less, to its intersection with a line drawn through the said place of beginning on a course of north  $73^{\circ} 50' 30''$  east;

Thence south  $73^{\circ} 50' 30''$  west, along the last-mentioned line through the place of beginning, a distance of 5.8 feet, more or less, to an iron survey bar;

Thence continuing south  $73^{\circ} 50' 30''$  west, a distance of 296.95 feet, more or less, to the said place of beginning. O. Reg. 6/73, s. 4, *part*.

#### Schedule 75

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of a part of Lot 37 in Concession IX, more particularly described as follows:

Premising that the bearings herein are astronomic and are derived from Department of Highways Plan P-2574-4 (Deposited Plan 22223);

Beginning at a point in the southerly limit of Lot 37, distant 448.86 feet easterly therealong on a course of north  $73^{\circ} 52' 30''$  east from the southwesterly angle thereof;

Thence north  $73^{\circ} 52' 30''$  east, continuing to follow the said southerly limit of Lot 37, a distance of 80 feet to a point;

Thence north  $13^{\circ} 13' 30''$  west, a distance of 330.42 feet to a point;

Thence south  $73^{\circ} 52' 30''$  west, parallel to the said southerly limit of Lot 37, a distance of 80 feet to a point;

Thence south  $13^{\circ} 13' 30''$  east, a distance of 330.42 feet, more or less, to the said place of beginning. O. Reg. 6/73, s. 4, *part*.

#### Schedule 76

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of lots 135 and 136 according to a plan registered in the Registry Office for the Registry Division of Simcoe as number 1096. O. Reg. 6/73, s. 4, *part*.

#### Schedule 77

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe and being part of the north half of the north half of Lot 35 in Concession IX, more particularly described as follows:

Beginning at a point 132 feet north of the south-east angle of the north half of the north half of Lot 35, Concession IX;

Thence continuing north and along the easterly boundary of the said north half of the north half, a distance of 66 feet to a point;

Thence westerly and parallel to the southerly boundary of the said north half of the north half, a distance of 165 feet to a point;

Thence southerly and parallel to the easterly boundary of the said north half of the north half, a distance of 66 feet to a point;

Thence easterly and parallel to the southerly boundary of the said north half of the north half, a distance of 165 feet to the place of beginning. O. Reg. 6/73, s. 4, *part*.

#### Schedule 78

ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of a part of Lot 35 in Concession IX, more particularly described as follows:

Premising that the bearing of the northerly limit of Lot 35 is north  $73^{\circ} 42' 15''$  east and relating all bearings herein thereto;

Beginning at a point within Lot 35 which may be located as follows:

Beginning at a point in the easterly limit of Lot 35, Concession IX, distant 33.28 feet southerly therealong from the northeasterly angle thereof;

Thence south  $73^{\circ} 42' 15''$  west, parallel to the northerly limit of Lot 35 and being along the southerly limit of a travelled road, a distance of 396 feet to an iron survey bar marking the said place of beginning.

Thence continuing south  $73^{\circ} 42' 15''$  west, a distance of 160.53 feet to an iron survey bar;

Thence south  $73^{\circ} 03' 30''$  west, a distance of 119.98 feet to an iron survey bar;

Thence south  $8^{\circ} 52' 45''$  east, a distance of 490.69 feet to an iron survey bar set in the existing southerly limit of the north half of the north half of Lot 35;

Thence north  $73^{\circ} 56' 30''$  east, along the last-mentioned existing southerly limit, a distance of 346.18 feet to an iron survey bar;

Thence north  $8^{\circ} 52' 45''$  west, a distance of 132.75 feet to an iron survey bar;

Thence north  $73^{\circ} 42' 15''$  east, a distance of 165 feet to an iron survey bar;



Thence north 8° 52' 45" west, a distance of 195.76 feet to an iron survey bar;

Thence south 73° 42' 15" west, a distance of 231 feet to an iron survey bar;

Thence north 8° 52' 45" west, a distance of 165 feet, more or less, to the place of beginning. O. Reg. 6/73, s. 4, *part*.

G. M. FARROW  
*Director,  
Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 27th day of December, 1972.

(4612) 4

THE PUBLIC HEALTH ACT

O. Reg. 7/73.  
Health Units—General.  
Made—December 13th, 1972.  
Approved—January 10th, 1973.  
Filed—January 11th, 1973.

REGULATION MADE UNDER  
THE PUBLIC HEALTH ACT

- 1. Subsection 2 of section 17 of Regulation 711 of Revised Regulations of Ontario, 1970, as remade by Ontario Regulation 429/71, is revoked and the following substituted therefor:
- (2) In the year 1972, the unorganized area health unit grant in the case of a health unit mentioned in column 1 of the Table shall be in the amount set opposite thereto in column 2.

TABLE

ITEM	COLUMN 1	COLUMN 2
	NAME	GRANT
1.	Algoma Health Unit.....	\$11,779.04
2.	Muskoka-Parry Sound Health Unit.....	44,616.00
3.	North Bay & District Health Unit.....	31,781.52
4.	Northwestern Health Unit.....	78,255.87

ITEM	COLUMN 1	COLUMN 2
	NAME	GRANT
5.	Porcupine Health Unit.....	58,727.12
6.	Renfrew County & District Health Unit.....	4,297.80
7.	Sudbury and District Health Unit.....	157,195.57
8.	Thunder Bay District Health Unit.....	33,660.28
9.	Timiskaming Health Unit.....	37,772.00

O. Reg. 7/73, s. 1.

R. T. POTTER, M.D.  
*Minister of Health*

Dated at Toronto, this 13th day of December, 1972.

(4617) 4

THE OPTOMETRY ACT

O. Reg. 8/73.  
General.  
Made—December 1st, 1972.  
Approved—January 10th, 1973.  
Filed—January 11th, 1973.

REGULATION MADE UNDER  
THE OPTOMETRY ACT

- 1. Section 3 of Regulation 651 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- 3. Every person applying to the Board to be admitted to examination by the Board as to his qualifications to practise optometry shall file with the Board an application in Form 1, together with a registration fee of \$100. O. Reg. 8/73, s. 1.
- 2. Section 6 of Regulation 651 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- 6. A certificate of registration expires on the 31st day of December in each year and shall be renewed by the Board upon receipt of an application for renewal accompanied by a renewal fee of \$175. O. Reg. 8/73, s. 2.
- 3. Section 7 of Regulation 651 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:



7. A person whose registration has expired may be reinstated upon application therefor made on or before the 31st day of March next following the expiration and upon payment of a reinstatement fee of \$200. O. Reg. 8/73, s. 3.

4. Section 8 of Regulation 651 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

8. A person whose certificate of registration has expired and is not reinstated on or before the 31st day of March next following the expiration may be re-registered upon passing the examinations of the Board as to qualifications to practise optometry and payment of a re-registration fee of \$175. O. Reg. 8/73, s. 4.

THE BOARD OF DIRECTORS OF THE COLLEGE OF  
OPTOMETRISTS OF ONTARIO:

ROBERT J. BROAD

MARVIN LANGER

LEE GOLD

Dated at Toronto, this 1st day of December, 1972.

(4618)

4

THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT

O. Reg. 9/73.

Sittings of the General Sessions of the Peace and Sittings of the County Court for the County of Perth.

Made—January 11th, 1973.

Filed—January 11th, 1973.

THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of  
*The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Perth.

ORDER

IT IS ORDERED that the sittings of the court of General Sessions of the Peace and the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Perth, shall be held, commencing on Tuesday, May 22nd, 1973, instead of May 28th, 1973; and

IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County of Perth, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 9/73, *Order*.

C. E. BENNETT

*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario.*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 11th day of January, 1973.

(4619)

4

THE PLANNING ACT

O. Reg. 10/73.

Restricted Areas—County of Kent, Township of Chatham.

Made—January 10th, 1973.

Filed—January 12th, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

RESTRICTED AREAS—COUNTY OF KENT,  
TOWNSHIP OF CHATHAM

INTERPRETATION

1. In this Order,

- (a) "commercial use" means the use of land, building or structure for the purposes of buying and selling of commodities and supplying of services as distinguished from such uses as manufacturing or assembling of goods, warehousing and construction;
- (b) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
- (c) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so inter-related living together as a single house-keeping unit in one dwelling unit;
- (d) "industrial use" means the use of land, building or structure for the purpose of the manufacturing, assembling, making,

preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale of any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, as distinguished from the buying and selling of commodities and the supplying of personal services;

(e) "lot" means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;

(f) "mobile home" means a single family dwelling designed for transportation after fabrication on streets and highways on its own wheels or on a flatbed or other trailer, and arriving at the site where it is to be occupied as a dwelling complete and ready for occupancy (except for minor and incidental unpacking and assembling operations) located on wheels, jacks or permanent foundations, and which may be connected to utilities and the like;

(g) "mobile home park" means an establishment comprising land or premises under single ownership designed and intended for residential use where residence is in mobile homes exclusively but does not include public camping grounds maintained by the Township, Ministry of Transportation and Communications, or Ministry of Natural Resources;

(h) "single-family dwelling" means a separate building containing only one dwelling unit. O. Reg. 10/73, s. 1.

#### APPLICATION

2. This Order applies to all lands within the Township of Chatham. O. Reg. 10/73, s. 2.

#### GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Chatham prior to the day this Order comes into force. O. Reg. 10/73, s. 3.

#### PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- (a) commercial uses;
- (b) industrial uses;
- (c) the erection or use of more than one single-family dwelling on a lot;
- (d) the erection or use of any building containing more than one dwelling unit; and
- (e) mobile home parks. O. Reg. 10/73, s. 4.

5. Notwithstanding anything contained in this Order,

- (a) the Township of Chatham or any local board thereof, as defined in *The Municipal Affairs Act*;
- (b) any ministry, department or agency of the Government of Canada or Ontario;
- (c) any telephone or telegraph company; and
- (d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 10/73, s. 5.

#### REBUILDING AND REPAIRS

6.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 10/73, s. 6.

C. MACNAUGHTON  
Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs

Dated at Toronto, this 10th day of January, 1973.



# THE PLANNING ACT

## O. Reg. 11/73.

Restricted Areas—County of Kent, Township of Harwich.

Made—January 10th, 1973.

Filed—January 12th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

### RESTRICTED AREAS—COUNTY OF KENT, TOWNSHIP OF HARWICH

#### INTERPRETATION

#### 1. In this Order,

- (a) "commercial use" means the use of land, building or structure for the purposes of buying and selling of commodities and supplying of services as distinguished from such uses as manufacturing or assembling of goods, warehousing and construction;
- (b) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
- (c) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so inter-related living together as a single house-keeping unit in one dwelling unit;
- (d) "industrial use" means the use of land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale of any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, as distinguished from the buying and selling of commodities and the supplying of personal services;
- (e) "lot" means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;
- (f) "mobile home" means a single family dwelling designed for transportation after fabrication on streets and highways on its own wheels or on a flatbed or other trailer, and arriving at the site where it is to

be occupied as a dwelling complete and ready for occupancy (except for minor and incidental unpacking and assembling operations) located on wheels, jacks or permanent foundations, and which may be connected to utilities and the like;

- (g) "mobile home park" means an establishment comprising land or premises under single ownership designed and intended for residential use where residence is in mobile homes exclusively but does not include public camping grounds maintained by the Township, Ministry of Transportation and Communications, or Ministry of Natural Resources;
  - (h) "single-family dwelling" means a separate building containing only one dwelling unit.
- O. Reg. 11/73, s. 1.

#### APPLICATION

2. This Order applies to all lands within the Township of Harwich except for those lands covered by and described in the following by-laws: By-law No. 3739 as amended; By-law No. 3848 as amended; By-law No. 3867 as amended; By-law No. 4009A as amended; By-law No. 4466; By-law No. 4621 as amended and By-law No. 4932, and, in the event that any of the foregoing by-laws are repealed and no new by-laws substituted forthwith therefor, this Order shall apply without further notice to the lands covered by and described in such repealed by-law.

O. Reg. 11/73, s. 2.

#### GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used within the area described in paragraph 2 except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Harwich prior to the day this Order comes into force.

O. Reg. 11/73, s. 3.

#### PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- (a) commercial uses;
- (b) industrial uses;
- (c) the erection or use of more than one single-family dwelling on a lot;



- (d) the erection or use of any building containing more than one dwelling unit; and
- (e) mobile home parks. O. Reg. 11/73, s. 4.

5. Notwithstanding anything contained in this Order,

- (a) the Township of Harwich or any local board thereof, as defined in *The Municipal Affairs Act*;
- (b) any ministry, department or agency of the Government of Canada or Ontario;
- (c) any telephone or telegraph company; and
- (d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 11/73, s. 5.

#### REBUILDING AND REPAIRS

6.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 11/73, s. 6.

C. MACNAUGHTON  
*Treasurer of Ontario and  
 Minister of Economics and  
 Intergovernmental Affairs*

Dated at Toronto, this 10th day of January, 1973.

(4621)

4

#### THE PLANNING ACT

O. Reg. 12/73.

Restricted Areas—County of Kent, Township of Raleigh.

Made—January 10th, 1973.

Filed—January 12th, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

#### RESTRICTED AREAS—COUNTY OF KENT, TOWNSHIP OF RALEIGH

##### INTERPRETATION

1. In this Order,

- (a) “commercial use” means the use of land, building or structure for the purposes of

buying and selling of commodities and supplying of services as distinguished from such uses as manufacturing or assembling of goods, warehousing and construction;

- (b) “dwelling unit” means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;

- (c) “family” means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so interrelated living together as a single house-keeping unit in one dwelling unit;

- (d) “industrial use” means the use of land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale of any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, as distinguished from the buying and selling of commodities and the supplying of personal services;

- (e) “lot” means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;

- (f) “mobile home” means a single family dwelling designed for transportation after fabrication on streets and highways on its own wheels or on a flatbed or other trailer, and arriving at the site where it is to be occupied as a dwelling complete and ready for occupancy (except for minor and incidental unpacking and assembling operations located on wheels, jacks or permanent foundations, and which may be connected to utilities and the like;

- (g) “mobile home park” means an establishment comprising land or premises under single ownership designed and intended for residential use where residence is in mobile homes exclusively but does not include public camping grounds maintained by the Township, Ministry of Transportation and Communications, or Ministry of Natural Resources;

- (h) “single-family dwelling” means a separate building containing only one dwelling unit. O. Reg. 12/73, s. 1.

## APPLICATION

2. This Order applies to all lands within the Township of Raleigh except for those lands covered by and described in the following by-laws: By-law No. 2994 as amended; By-law No. 3080 as amended and By-law No. 3831, and, in the event that any of the foregoing by-laws are repealed and no new by-laws substituted forthwith therefor, this Order shall apply without further notice to the areas covered by and described in such repealed by-law. O. Reg. 12/73, s. 2.

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used within the area described in paragraph 2 except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Raleigh prior to the day this Order comes into force. O. Reg. 12/73, s. 3.

## PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- (a) commercial uses;
- (b) industrial uses;
- (c) the erection or use of more than one single-family dwelling on a lot;
- (d) the erection or use of any building containing more than one dwelling unit; and
- (e) mobile home parks. O. Reg. 12/73, s. 4.

5. Notwithstanding anything contained in this Order,

- (a) the Township of Raleigh or any local board thereof, as defined in *The Municipal Affairs Act*;
- (b) any ministry, department or agency of the Government of Canada or Ontario;
- (c) any telephone or telegraph company; and
- (d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 12/73, s. 5.

## REBUILDING AND REPAIRS

6.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner.

(2) Nothing in this Order prevent the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 12/73, s. 6.

C. MACNAUGHTON  
*Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs*

Dated at Toronto, this 10th day of January, 1973.

(4622)

4

## THE MINISTRY OF COMMUNITY AND SOCIAL SERVICES ACT

### O. Reg. 13/73.

Grants for Non-Profit Camps.

Made—January 10th, 1973.

Filed—January 12th, 1973.

## REGULATION MADE UNDER THE MINISTRY OF COMMUNITY AND SOCIAL SERVICES ACT

1. Section 3 of Ontario Regulation 510/72 is revoked and the following substituted therefor:

## REDUCTION IN GRANTS

3. Where in any year the amount voted by the Legislature for the grants under this Regulation is insufficient to pay the grants in full, the Minister may make a *pro-rata* reduction in the grants. O. Reg. 13/73, s. 1.

RENE BRUNELLE  
*Minister of Community and  
Social Services*

Dated at Toronto, this 6th day of November, 1972.

(4623)

4



# THE GENERAL WELFARE ASSISTANCE ACT

## O. Reg. 14/73.

General.

Made—January 10th, 1973.

Filed—January 12th, 1973.

## REGULATION MADE UNDER THE GENERAL WELFARE ASSISTANCE ACT

1. Section 3 of Regulation 383 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

3. In determining whether a person in need is eligible for assistance, a welfare administrator shall,

- (a) take into account the budgetary requirements of the applicant and any of his dependants and the liquid assets and income that are available;
- (b) be satisfied that the person is making reasonable efforts to realise any financial benefits or obtain compensation that he may be entitled to or eligible for; and
- (c) where the person is unemployed but employable, be satisfied that the applicant or recipient is willing to undertake full-time, regular employment for which he is capable, is making reasonable efforts to secure such employment and that the continuing unemployment is due to circumstances beyond the control of the applicant or recipient. O. Reg. 14/73, s. 1, *part*

3a.—(1) A welfare administrator may require as a condition of eligibility for assistance that an applicant or recipient agree in writing in a prescribed form to reimburse the municipality, band or Ontario, as the case may be, for all or any part of the assistance advanced or to be advanced to the

applicant or recipient out of any moneys paid or payable for maintenance to the applicant or recipient or to the spouse who is a dependant of the applicant or recipient, other than,

- (a) income payable in respect of any period following the period for which the assistance is paid or payable; and
- (b) income exempted or excluded, as the case may be, under clause *a* and clauses *n* to *y* inclusive of subsection 2 of section 12,

and the written agreement may include,

- (c) an authorization and direction to the person or authority from whom the moneys are receivable to deduct and pay such moneys directly to the municipality, band or Ontario, as the case may be; or
- (d) an assignment to the municipality, band or Ontario, as the case may be, by the applicant or recipient of his right to such moneys from the person or authority from whom such moneys are receivable. O. Reg. 14/73, s. 1, *part*.

(2) The amount of any moneys paid to a municipality, band or Ontario pursuant to an agreement under subsection 1 shall in no case exceed the amount of the assistance paid to the applicant or recipient for the period in respect of which the moneys are payable. O. Reg. 14/73, s. 1, *part*.

(3) An applicant or recipient is not ineligible for assistance solely by reason of the failure of any other person or authority to deduct and remit moneys to a municipality, board or Ontario pursuant to an authorization and direction or an assignment under subsection 1. O. Reg. 14/73, s. 1, *part*.

2. Section 24 of Regulation 383 of Revised Regulations of Ontario, 1970, as made by section 4 of Ontario Regulation 100/71, is revoked.

(4624)

4





Publications Under The Regulations Act

February 3rd, 1973

THE WARBLE FLY CONTROL ACT

O. Reg. 15/73.  
General.  
Made—November 30th, 1972.  
Filed—January 15th, 1973.

REGULATION MADE UNDER  
THE WARBLE FLY CONTROL ACT

- 1. Sections 11, 12 and 13 of Regulation 823 of Revised Regulations of Ontario, 1970 are revoked.
- 2. This Regulation comes into force on the 1st day of April, 1973.

(4645) 5

THE WOLF DAMAGE TO LIVE STOCK  
COMPENSATION ACT, 1972

O. Reg. 16/73.  
Application for and Payment of  
Compensation.  
Made—January 10th, 1973.  
Filed—January 16th, 1973.

REGULATION MADE UNDER  
THE WOLF DAMAGE TO LIVE STOCK  
COMPENSATION ACT, 1972

GENERAL

- 1. No owner of live stock shall apply for or be paid compensation under the Act unless,
  - (a) he immediately notifies a valuer appointed under the Act of the death or injury to the live stock;
  - (b) he retains the live stock or its carcass until such time as is required by the valuer to make his investigation;
  - (c) he permits the valuer to place identification marks or tags on the live stock or the carcass;

- (d) he makes an application for compensation to the district forester within ten days of the date of notification to the valuer under clause a; and
- (e) where a claim for compensation under the Act has been made by him on a previous occasion, he has implemented or caused to be implemented reasonable wolf control measures on his land or land to which he has access within forty-eight hours of the time of notification of a valuer under clause a in respect of the previous occasion and continued such measures for a period of fourteen days. O. Reg. 16/73, s. 1.

2. An application for compensation under the Act shall be in Form 1. O. Reg. 16/73, s. 2.

3.—(1) An application in Form 1 shall be made in respect of one animal only.

(2) Subsection 1 does not apply to an application in respect of poultry. O. Reg. 16/73, s. 3.

4. A valuer shall, upon receipt of a notification under clause a of section 1, immediately make a full investigation of the matter, shall prepare a report in Form 2 in quadruplicate and shall,

- (a) send the original and one copy of the report to the district forester;
- (b) send one copy of the report to the owner; and
- (c) retain one copy of the report for his records. O. Reg. 16/73, s. 4.

Form 1

*The Wolf Damage to Live Stock Compensation  
Act, 1972*

APPLICATION FOR COMPENSATION

I, .....  
(name of applicant)  
of .....  
(address)

apply for compensation as determined under *The Wolf Damage to Live Stock Compensation Act*,

1972 and the regulations, and in support of this application state as follows:

1. That on the ..... day of ..... 19....  
between the hours of ...m and ...m at.....  
(lot,  
.....  
concession, township, county, etc., or district)  
  
I discovered that death or injury had been caused to the following animal or poultry:  
  
(1) If poultry, number of poultry:  
  
(2) Species:  
  
(3) Breed:  
  
(4) Pedigreed:  
  
(5) Age:  
  
(6) Estimated weight:  
  
2. That I am the owner of such animal described in paragraph 1.  
  
3. That such animal is (is not) insured.  
  
4. That I verily believe that such death or injury was occasioned by a wolf: (Here state reasons for belief. If space not sufficient attach separate sheet).....  
.....  
  
5. I claim compensation as follows:  
  
(1) Market value before death or injury: \$.....  
  
(2) Salvage value: \$.....  
  
(3) Amount to be claimed under insurance: \$.....  
  
(4) Amount payable under *The Dog Tax and Live Stock and Poultry Protection Act*: \$.....  
  
Total: \$.....  
  
Amount claimed: \$.....  
  
I certify that the foregoing information is true.  
  
Dated this.....day of....., 19....  
.....  
(witness) (signature of applicant)

Form 2  
  
*The Wolf Damage to Live Stock Compensation Act, 1972*  
  
REPORT OF VALUER  
  
1. Name of valuer:.....  
  
2. Address of valuer:.....  
  
3. Name of claimant:.....  
  
4. Address of claimant:.....  
  
5. Description of live stock:  
  
(1) If poultry, number of poultry:  
  
(2) Species:  
  
(3) Breed:  
  
(4) Pedigreed:  
  
(5) Age:  
  
(6) Estimated weight:  
  
(7) Valuer's identification mark on the animal  
or its carcass:.....  
.....  
  
6. Date and place of investigation:.....  
.....  
  
7. Details of investigation:  
  
(1) Description of location:.....  
.....  
  
(2) Evidence of the maintenance of the animal in accordance with the practice of good husbandry:.....  
.....  
  
(3) Evidence of the identity of the predator:.....  
.....  
.....  
  
☐ Observation of predator by:  
.....  
(name)  
.....  
(address)



☐ Heard:

☐ Track observed:

☐ Relevant dates:

(4) Compliance with wolf control measures required by the regulations.

Yes ☐ No ☐

(5) Other.....  
.....

8. Amount of Compensation:

(1) Market value before death or injury \$.....

(2) Salvage value \$.....

(3) Amount to be claimed under insurance \$.....

(4) Amount payable under *The Dog Tax and Live Stock and Poultry Protection Act* \$.....

(5) Total \$.....

(6) Amount of compensation recommended \$.....

9. Other remarks:

.....  
.....  
.....

I certify that I am satisfied that the claimant has complied with the requirements of the Act and the regulations, that the facts stated in this report are true and that the claimant is entitled to compensa-

tion in the amount of \$.....

Date.....  
(signature of valuer)

O. Reg. 16/73, Form 2.

THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT

O. Reg. 17/73.

Designations—Antrim to Quebec Boundary (Hwy. 417).

Made—January 10th, 1973.

Filed—January 16th, 1973.

REGULATION MADE UNDER THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT

1. Schedules 12, 14 and 15 to Regulation 389 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 129/72, are revoked and the following substituted therefor:

Schedule 12

In the Township of Caledonia in the County of Prescott being,

- (a) part of Gore Lot Concession 7;
- (b) part of lots 1, 2 and 3, Concession 7;
- (c) part of lots 3 and 4, Concession 8;
- (d) part of Lot 3 Concession 9; and
- (e) part of the road allowance between,
  - (i) the townships of Caledonia and Lochiel adjoining Lot 1 and Gore Lot, Concession 7,
  - (ii) Gore Lot and Lot 1, Concession 7,
  - (iii) concessions 7 and 8,
  - (iv) concessions 8 and 9, and
  - (v) the townships of Caledonia and Kenyon adjoining Lot 3 Concession 9,

and being that portion of the King's Highway shown as Part 1 on Ministry of Transportation and Communications plan P-6080-10, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 1st day of November, 1972.

2.60 miles, more or less.

O. Reg. 17/71, s. 1, *part*.

**Schedule 14**

In the Township of South Plantagenet in the County of Prescott being,

- (a) part of lots 6, 7 and 8, Concession 20;
- (b) part of lots 17 to 23, both inclusive, Concession 20; and
- (c) part of the road allowance between,
  - (i) the townships of South Plantagenet and Kenyon adjoining Lot 6 Concession 20,
  - (ii) the townships of South Plantagenet and Kenyon (Indian Lands), adjoining lots 6, 7 and 8, Concession 20,
  - (iii) lots 7 and 8, Concession 20,
  - (iv) the townships of South Plantagenet and Roxborough adjoining lots 17, 18 and 19, Concession 20,
  - (v) lots 20 and 21, Concession 20, and
  - (vi) the townships of South Plantagenet and Cambridge adjoining Lot 23 Concession 20,

and being those portions of the King's Highway shown as Parts 1, 2 and 3 on Ministry of Transportation and Communications plan P-6087-17, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 26th day of October, 1972.

3.50 miles, more or less.

O. Reg. 17/71, s. 1, *part*.

**Schedule 15**

In the Township of Roxborough in the County of Stormont being,

- (a) part of lots A and B, Concession 10;
- (b) part of lots 1 to 13, both inclusive, Concession 10; and
- (c) part of the road allowance between,
  - (i) the townships of Roxborough and Kenyon adjoining Lot B Concession 10,
  - (ii) lots 6 and 7, Concession 10,
  - (iii) the townships of Roxborough and South Plantagenet adjoining lots 10, 11 and 12, Concession 10, and

(iv) lots 12 and 13, Concession 10,

and being those portions of the King's Highway shown as Parts 1 and 2 on Ministry of Transportation and Communications plan P-6086-14, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 26th day of October, 1972.

3.50 miles, more or less.

O. Reg. 17/71, s. 1, *part*.

(4647)

5

**THE REGIONAL MUNICIPAL GRANTS ACT**

**O. Reg. 18/73.**

Payment to the Regional Municipality of Sudbury.

Made—January 10th, 1973.

Filed—January 18th, 1973.

**REGULATION MADE UNDER THE REGIONAL MUNICIPAL GRANTS ACT**

**PAYMENT TO THE REGIONAL MUNICIPALITY OF SUDBURY**

1. Under the authority of subsection 3 of section 78 of *The Regional Municipality of Sudbury Act, 1972* and for the purposes of subsection 2 of section 9 of *The Regional Municipal Grants Act*, a payment of \$50,000 shall be made to the Regional Municipality of Sudbury in the period of January 1st, 1973 to March 31st, 1973. O. Reg. 18/73, s. 1.

(4659)

5

**THE PLANNING ACT**

**O. Reg. 19/73.**

Rules of Procedure—Minor Variance Applications.

Made—January 10th, 1973.

Filed—January 18th, 1973.

**REGULATION MADE UNDER THE PLANNING ACT**

**RULES OF PROCEDURE—MINOR VARIANCE APPLICATIONS**

1. Clause *g* of section 3 of Ontario Regulation 494/71 is revoked and the following substituted therefor:

- (g) all assessed owners of land lying within 200 feet of any land or building that is the subject of the application except that, where a condominium development is located within 200 feet of any land or building that is the subject of the appli-

cation, notice shall be given to each member of the Board of Directors of the condominium development in lieu of notification to all assessed owners; and

2. Section 3 of Ontario Regulation 494/71 is amended by adding thereto the following subsection:

(2) Notwithstanding subsection 1, where a restricted area by-law restricts the use of the land which is the subject of the application to single-family, semi-detached or duplex housing and there is an application for a minor variance under subsection 1 of section 42 of *The Planning Act*, the committee of adjustment may direct that the area of notification set out in clause *g* of subsection 1 be reduced to 100 feet. O. Reg. 19/73, s. 2.

3. Clause *b* of section 4 of Ontario Regulation 494/71 is revoked and the following substituted therefor:

(*b*) in the case of the assessed owners of land specified in clause *g* of subsection 1 and subsection 2 of section 3, to the address shown on the last revised assessment roll.

Dated at Toronto, this 10th day of January, 1973.

CHARLES MACNAUGHTON  
*Treasurer of Ontario  
and Minister of Economics  
and Intergovernmental Affairs*

(4660)

5

## THE MINISTRY OF EDUCATION ACT

### O. Reg. 20/73.

Legislative Grants.

Made—January 10th, 1973.

Approved—January 17th, 1973.

Filed—January 18th, 1973.

## REGULATION MADE UNDER THE MINISTRY OF EDUCATION ACT

### LEGISLATIVE GRANTS

1. A sum on account of the legislative grant to a board for educational purposes for any year may be paid to the board prior to the filing of a regulation prescribing the conditions governing the payment of legislative grants for educational purposes for such year provided that the sum so paid is not in excess of thirty per cent of the grant payable to the board for the preceding year. O. Reg. 20/73, s. 1.

THOMAS L. WELLS  
*Minister of Education*

Dated at Toronto, this 10th day of January, 1973.

(4661)

5

## THE LOCAL ROADS BOARDS ACT

### O. Reg. 21/73.

Establishment of Local Roads Areas.

Made—January 16th, 1973.

Filed—January 18th, 1973.

## ORDER MADE UNDER THE LOCAL ROADS BOARDS ACT

1. Schedules 36, 113 and 151 to Regulation 571 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

### Schedule 36

#### PORTAGE BAY LOCAL ROADS AREA

All those portions of the townships of Haines and Hagey in the Territorial District of Thunder Bay shown outlined on Ministry of Transportation and Communications plan N-736-3, filed in the office of the Registrar of Regulations at Toronto as No. 1529. O. Reg. 21/73, s. 1, *part*.

### Schedule 113

#### BALLANTYNE AND LAURIER LOCAL ROADS AREA

All that portion of the Township of Ballantyne in the Territorial District of Nipissing and all that portion of the Township of Laurier in the Territorial District of Parry Sound shown outlined on Ministry of Transportation and Communications plan N-507-3, filed in the office of the Registrar of Regulations at Toronto as No. 1530. O. Reg. 21/73, s. 1, *part*.

### Schedule 151

#### INGRAM LOCAL ROADS AREA

All of the Township of Ingram in the Territorial District of Timiskaming shown outlined on Ministry of Transportation and Communications plan N-801-2, filed in the office of the Registrar of Regulations at Toronto as No. 1531. O. Reg. 21/73, s. 1, *part*.

2. Schedule 193 to Regulation 571 of Revised Regulations of Ontario, 1970, as made by section 5 of Ontario Regulation 97/71, is revoked and the following substituted therefor:



**Schedule 193****SKERRYVORE LOCAL ROADS AREA**

All those portions of the Township of Shawanaga and certain islands in the vicinity of Shawanaga Township in the Territorial District of Parry Sound shown outlined on Ministry of Transportation and Communications plan N-453-2, filed in the office of the Registrar of Regulations at Toronto as No. 1532. O. Reg. 21/73, s. 2.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 16th day of January, 1973.

(4662)

5

**THE LOCAL ROADS BOARDS ACT****O. Reg. 22/73.**

Establishment of Local Roads Areas.

Made—January 16th, 1973.

Filed—January 18th, 1973.

ORDER MADE UNDER  
**THE LOCAL ROADS BOARDS ACT**

1. Schedule 102 to Regulation 571 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 140/72, is revoked and the following substituted therefor:

**Schedule 102****CARTIER LOCAL ROADS AREA**

All of the Township of Cartier and that portion of the Township of Hart in the Territorial District of Sudbury shown outlined on Ministry of Transportation and Communications plan N-698-3, filed in the office of the Registrar of Regulations at Toronto as No. 1526. O. Reg. 22/73, s. 1.

2. Schedule 121 to Regulation 571 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 121****MOOSE HORN LOCAL ROADS AREA**

All that portion of the Township of Drayton in the Territorial District of Kenora shown outlined on Ministry of Transportation and Communications plan N-633-A3, filed in the office of the Registrar of Regulations at Toronto as No. 1527. O. Reg. 22/73, s. 2.

3. Regulation 571 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 212****McKINNON LOCAL ROADS AREA**

All those portions of the Township of McKinnon in the Territorial District of Sudbury shown outlined on Ministry of Transportation and Communications plan N-812-1, filed in the office of the Registrar of Regulations at Toronto as No. 1528. O. Reg. 22/73, s. 3.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 16th day of January, 1973.

(4663)

5

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT****O. Reg. 23/73.**

Sittings of the General Sessions of the Peace and Sittings of the County and District Courts for the Counties of Bruce and Hastings.

Made—January 18th, 1973.

Filed—January 19th, 1973.

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT**

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the Counties of Bruce and Hastings.

**ORDER**

IT IS ORDERED that the sittings of the court of general sessions of the peace and sittings of the county and district courts for the trial of issues of fact and assessment of damages with or without a jury shall be held in each of the following two counties commencing on the dates shown hereunder instead of the dates shown in the order dated December 7th, 1972.

<u>County</u>	<u>Place of Sittings</u>	<u>Commencement of Sittings</u>
Bruce	Walkerton	Second Monday in June First Monday in December
Hastings	Belleville	First Monday in June Third Monday in November

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County concerned, and in the office of the Clerk of the General Sessions of the Peace for the County. O. Reg. 23/73, *Order*.

C. E. BENNETT  
*Chief Judge of the County and  
District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 18th day of January, 1973.

(4664)

5

### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

#### O. Reg. 24/73.

Sittings of the General Sessions of the Peace and Sittings of the County Court for the County of Halton.

Made—January 18th, 1973.

Filed—January 19th, 1973.

### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for The County of Halton.

### ORDER

IT IS ORDERED that the sittings of the Court of General Sessions of the Peace and the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Halton shall be held commencing on the third Monday in May, 1973, instead of the fourth Monday, in May, 1973, as previously ordered; and

IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County of Halton, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 24/73, *Order*.

C. E. BENNETT  
*Chief Judge of the County and  
District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 18th day of January, 1973.

(4665)

5

### THE NURSING HOMES ACT, 1972

#### O. Reg. 25/73.

General.

Made—January 17th, 1973.

Filed—January 19th, 1973.

### REGULATION MADE UNDER THE NURSING HOMES ACT, 1972

1. Section 2a of Ontario Regulation 196/72, as made by section 1 of Ontario Regulation 508/72, is amended by adding thereto the following item:

4. That no licensee shall demand or accept or cause or permit any person to demand or accept on his behalf payment in excess of,

(a) for services that are insured services under *The Health Insurance Act, 1972*,

(i) the amount prescribed under that Act for the insured services, or

(ii) the amount prescribed by subsection 6 of section 5 of this Regulation as co-payment for insured services;

(b) for private accommodation in an extended care unit, the amount prescribed by subsection 7 of section 5 of this Regulation; or

(c) for semi-private accommodation in an extended care unit, the amount prescribed by subsection 8 of section 5 of this Regulation. O. Reg. 25/73, s. 1.

(4666)

5

**THE GAME AND FISH ACT****O. Reg. 26/73.**

Furs.

Made—January 17th, 1973.

Filed—January 19th, 1973.

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**REGULATION MADE UNDER  
THE GAME AND FISH ACT**

1. Subsection 1 of section 3 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

- (1) The holder of a licence in Form 2 has the right to hunt or trap or attempt to trap fur-bearing animals on Crown lands in the trap-line area described in the licence. O. Reg. 26/73, s. 1.

2. Subsection 2 of section 4 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.

3. Section 6 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.

4. Form 3 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.

5. This Regulation comes into force on the 1st day of July, 1973.

(4667)

5



# Publications Under The Regulations Act

February 10th, 1973

## THE ONTARIO MUNICIPAL BOARD ACT

O. Reg. 27/73.

Tariff of Fees.

Made—November 27th, 1972.

Approved—January 17th, 1973.

Filed—January 22nd, 1973.

### REGULATION MADE UNDER THE ONTARIO MUNICIPAL BOARD ACT

#### TARIFF OF FEES

1. The fees payable to the Board are,

- (a) in respect of a proceeding set out in column 2 under the section set out opposite thereto in column 1 and under the Act referred to in the heading of the Schedule, the amount set out opposite thereto in column 3 of Schedules 1 to 8, both inclusive; and
- (b) in respect of a proceeding set out in column 1 of Schedule 9, the amount set out opposite thereto in column 2 of Schedule 9. O. Reg. 27/73, s. 1.

#### Schedule 1

##### *The Ontario Municipal Board Act*

Item	Column 1	Column 2	Column 3
1.	section 58	Approval of debenture by-laws and certification of the validity of debentures,  for any amount up to and including \$15,000.....  for each additional \$1,000 or fraction thereof in excess of \$15,000, up to and including \$50,000.....  for each additional \$1,000 or fraction thereof in excess of \$50,000.....	\$15   1  .50
2.	section 63	Dispensation of vote of electors.....	25
3.	section 64	Approval of undertakings, works, projects, schemes, acts, matters or things,  for any amount up to and including \$25,000.....  for each additional \$1,000 or fraction thereof in excess of \$25,000, up to and including \$500,000.....  for each additional \$1,000 or fraction thereof in excess of \$500,000, up to and including \$3,000,000.....  for each additional \$1,000 or fraction thereof in excess of \$3,000,000, up to and including \$5,000,000.....  for each additional \$1,000 or fraction thereof in excess of \$5,000,000.....	25  1  .50  .25  .10

**Schedule 2***The Municipal Act*

Item	Column 1	Column 2	Column 3
1.	section 10	Incorporations.....	<b>\$25</b>
2.	section 11	Erections.....	25
3.	section 13	Alteration of ward boundaries.....	25
4.	section 14	Amalgamations and annexations.....	25
		Supplementary orders.....	15
5.	section 15	Alteration of areas.....	25
6.	section 292	Approval of passing of a by-law providing for debentures payable in sterling money of Great Britain or dollars of the United States of America.....	15
7.	section 292	Where by-law covers works approved by more than one order of the board, for each additional order to be checked....	2
8.	section 313 (3)	Applications of amounts not required for purposes of debentures.....	15
9.	section 316	Application of sinking fund surplus.....	15
10.	section 332	Increased borrowing by councils.....	15

O. Reg. 27/73, Sched. 2.

**Schedule 3***The Local Improvement Act*

Item	Column 1	Column 2	Column 3
1.	section 27	Approval of larger cost sharing by corporations.....	<b>\$15</b>
2.	section 52 (4)	Appeal of special assessments.....	25

O. Reg. 27/73, Sched. 3.

**Schedule 4***The Ontario Water Resources Act*

Item	Column 1	Column 2	Column 3
1.		Approval of provincial programs.....	<b>\$25</b>

O. Reg. 27/73, Sched. 4.

**Schedule 5***The Planning Act*

Item	Column 1	Column 2	Column 3
1.	section 8 (5)	Apportionments.....	\$25
2.	section 17 (5)	Reference on amendments to official plan.....	25
3.	section 22	Approval of redevelopment plans.....	25
4.	section 33 (7)	Reference on conditions to a plan of subdivision.....	25
5.	section 35 (9)	Approval of restricted area by-laws.....	15
6.	section 35 (22)	Appeal on restricted area by-laws.....	25
7.	section 42	Appeal of decisions of committee of adjustment.....	25
8.	section 44	Reference on approval or consent of Minister to official plans and subdivision plans.....	25

O. Reg. 27/73, Sched. 5.

**Schedule 6***The Public Transportation and Highway Improvement Act*

Item	Column 1	Column 2	Column 3
1.	section 34	Approval of road closings.....	\$25
2.	section 88	Approval of designations of roads as controlled-access roads	25
3.	section 89 (2)	Approval of municipal road closings.....	25

O. Reg. 27/73, Sched. 6.

**Schedule 7***The Conservation Authorities Act*

Item	Column 1	Column 2	Column 3
1.	section 23	Approval of projects.....	\$25
2.	section 24	Review of apportionments.....	25
3.	section 37	Approval of salary, expenses and allowances of members....	15

O. Reg. 27/73, Sched. 7.

**Schedule 8***The Assessment Act*

Item	Column 1	Column 2	Column 3
1.	section 63	Appeal of assessments.....	\$25
2.	section 71 (4)	Review of equalized assessments and equalization factors..	25

O. Reg. 27/73, Sched. 8.



Schedule 9

General

Item	Column 1	Column 2
1.	Where approval is required of a municipal by-law and there is no capital expenditure.....	\$15
2.	Applications, references or appeals not specifically referred to in schedules 1 to 8, both inclusive.....	25
3.	For protracted contentious hearings, an amount in addition to those fees prescribed in schedules 1 to 8, both inclusive.....	300
4.	Copies of documents,	
	minimum charge for copies.....	1
	charge per page.....	.30
	certification.....	.50
	subpoena.....	3

O. Reg. 27/73, Sched. 9.

ONTARIO MUNICIPAL BOARD:

W. H. PALMER  
Chairman

Dated at Toronto, this 27th day of November, 1972.

(4697)

6

THE VITAL STATISTICS ACT

O. Reg. 28/73.

General.  
Made—January 17th, 1973.  
Filed—January 23rd, 1973.

REGULATION MADE UNDER  
THE VITAL STATISTICS ACT

1. Subsection 1 of section 68 of Regulation 820 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) The fee for a copy of any document required under subsection 3 of section 12 of *The Marriage Act* that is forwarded to the Registrar General pursuant to subsection 2 of section 36 of that Act is 50 cents a foolscap page. O. Reg. 28/73, s. 1.

2. Clause *m* of Schedule 17 to Regulation 820 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

- (*m*) Walker, Warden and Wilkie;
3. Clauses *a* to *k*, both inclusive, and clauses *m* to *p*, both inclusive, of Schedule 18 to Regulation 820 of Revised Regulations of Ontario 1970, are revoked and the following substituted therefor:
- (*a*) Byers;
- (*b*) Carnegie, Côté and Crawford;
- (*c*) Duff and Dundonald;
- . . . . .
- (*e*) Geary;
- . . . . .
- (*i*) Little and Lucas;
- (*j*) Mahaffy, Mann, Massey and Moberly;
- . . . . .
- (*m*) Reid;
- . . . . .

- (o) Thorburn and Tully; and
- (p) Whitesides and Wilhelmina.
4. Clauses *b* and *c* of Schedule 20 to Regulation 820 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (c) The towns of Cochrane, Hearst, Iroquois Falls, Kapuskasing and Smooth Rock Falls; and
5. Clause *g* of Schedule 69 to Regulation 820 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (g) Leinster and Levac;
6. Clauses *f*, *j* and *k* of Schedule 70 to Regulation 820 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (f) Henry;
- (j) Macbeth, Mackelcan, McCarthy, McConnell, McNish and Morgan;
7. Clauses *d* and *j* of Schedule 71 to Regulation 820 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (d) Delamere, Dill and Dryden;
- (j) Laura;
8. Clause *b* of Schedule 84 to Regulation 820 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (b) The City of Thunder Bay;
9. Clauses *a*, *b*, *d*, *e*, *j*, *m* and *p* of Schedule 85 to Regulation 820 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (a) Alma and Argyle;
- (b) Baden, Bannockburn, Bartlett, Bompas and Burt;

- (d) Davidson, Doon, Douglas, Doyle and Dunmore;

(j) Lee;

(m) Pharand and Powell;

(p) Terry, Timmins and Tolstoi;

10. Clauses *b* and *d* of Schedule 93 to Regulation 820 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(b) The improvement district of Gauthier;

(d) the municipal townships of Armstrong, Brethour, Bucke, Casey, Chamberlain, Coleman, Dack, Dymond, Evanturel, Harley, Harris, Hilliard, Hudson, James, Kerns, Larder Lake, McGarry and the Town of Kirkland Lake; and

(4698)

6

## THE LAND TITLES ACT

O. Reg. 29/73.

General.

Made—January 24th, 1973.

Filed—January 25th, 1973.

## REGULATION MADE UNDER THE LAND TITLES ACT

1. Ontario Regulation 553 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulations 149/72 and 154/72, is further amended by adding thereto the following section:

40a. Effective on the 1st day of February, 1973 and for a period of two years thereafter, no land registrar shall issue a certificate that is mentioned in subsection 5 of section 105 and in sections 117, 119, 120 and 121 of the Act. O. Reg. 29/73, s. 1.

(4712)

6

## THE CROP INSURANCE ACT (ONTARIO)

O. Reg. 30/73.

Crop Insurance Plan—Peaches.

Made—January 5th, 1973.

Approved—January 24th, 1973.

Filed—January 26th, 1973.

### REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

#### CROP INSURANCE PLAN—PEACHES

1. The plan in the Schedule is established for the insurance within Ontario of peaches. O. Reg. 30/73, s. 1.

#### Schedule

*The Crop Insurance Act (Ontario)*

#### PLAN

1. This plan may be cited as "The Ontario Crop Insurance Plan for Peaches".

2. The purpose of this plan is to provide for insurance against a loss in the production of peaches resulting from one or more of the perils designated in section 4.

#### INTERPRETATION

3. In this plan,

(a) "average yield" means the average total orchard production of the insured person over the preceding six years allowing for,

(i) age of trees,

(ii) tree removal, and

(iii) change in acreage;

(b) "peaches" means all varieties of peaches produced in Ontario.

#### DESIGNATION OF PERILS

4. The following are designated as perils for the purpose of this plan:

1. Drought.

2. Freeze injury.

3. Frost.

4. Hail.

5. Hurricane or tornado.

6. Unavoidable pollination failure.

#### DESIGNATION OF CROP YEAR

5. The crop year for peaches is the period from the 1st day of December in any year to the 30th day of November next following.

#### CONTRACT OF INSURANCE

6. For the purpose of this plan, the entire contract of insurance for peaches shall be deemed to be comprised of,

(a) the contract of insurance in Form 1;

(b) the application for insurance in Form 2;

(c) the production guarantee report in Form 3; and

(d) any amendment to a document referred to in clauses a, b or c agreed upon in writing.

7. An application for insurance shall,

(a) be in Form 2;

(b) be accompanied by a premium deposit of at least \$50; and

(c) be filed with the Commission not later than the 1st day of December in the crop year in respect of which it is made or on or before such other date as may be determined from time to time by the Commission.

#### DURATION OF CONTRACT

8.—(1) A contract of insurance shall be in force for the crop year in respect of which it is made, and shall continue in force for each crop year thereafter until it is cancelled by the insured person or the Commission in the manner prescribed by subsection 2 or is terminated in accordance with the regulations.

(2) A contract of insurance may be cancelled by the insured person or the Commission by notice in writing to the other party on or before the 1st day of December in the crop year during which the cancellation is to be effective or on or before such other date as may be determined from time to time by the Commission.

#### COVERAGE

9.—(1) Subject to subsections 2 and 3, the coverage provided under a contract of insurance shall be 72 per cent of the average yield in pounds of the insured person as determined by the Commission.



(2) The coverage provided under subsection 1 shall be increased following each consecutive no claim year as follows:

1. Following the first no claim year, to 76 per cent.
2. Following the second no claim year, to 78 per cent.
3. Following the third no claim year, to a maximum of 80 per cent.

(3) The coverage provided under subsections 1 and 2 shall be decreased for claim years from the insured level in reverse progression to that prescribed by subsection 2, except that where a claim occurs in a year when the coverage is 72 per cent, the coverage shall be reduced to a minimum of 70 per cent.

(4) The number of pounds determined under subsections 1, 2 and 3 constitutes the total guaranteed production under a contract of insurance.

10.—(1) The established price for peaches shall be,

- (a) 3¢;
- (b) 5¢; or
- (c) 7¢,

per pound.

(2) Subject to subsections 3 and 4, the established price per pound selected by an applicant at the time a contract of insurance is made applies in each succeeding crop year during which the contract is in force.

(3) Where,

- (a) the insured person applies therefor in writing in the production guarantee report for the crop year; and
- (b) the Commission consents in writing,

any established price designated in subsection 1 may be substituted for the established price selected by the insured person at the time a contract of insurance is made or for any established price substituted in lieu thereof under this subsection.

(4) Notwithstanding anything in this section, the price selected by the insured person shall not exceed the average price received by him for all peaches marketed during the preceding year.

11. The maximum indemnity for which the Commission is liable under a contract of insurance shall be the amount obtained by multiplying the total guaranteed production determined under section 9 by the established price per pound determined under section 10.

#### PREMIUMS

12.—(1) The premium payable by an insured person in the crop year shall be calculated by the Commission on the basis of,

- (a) the premium rate applicable to the zone in which the insured crop is grown according to the Table;
- (b) the average yield; and
- (c) the established price per pound determined under section 10.

(2) Notwithstanding subsection 1, the minimum premium payable by an insured person in each crop year is \$50.

3. The premium prescribed by subsections 1 and 2 includes such payments in respect of premiums as may be made by,

- (a) the Government of Canada under the *Crop Insurance Act* (Canada); and
- (b) the Government of Ontario under subsection 2 of section 7 of the Act.

13.—(1) Where a contract of insurance is in force, a premium shall be paid in respect of each crop year.

(2) Where a premium is payable in respect of a crop year, the insured person shall pay the premium to the Commission not later than the 1st day of December in the crop year or not later than such other date as may be determined from time to time by the Commission.

(3) Premium discounts provided by Regulation 158 of Revised Regulations of Ontario, 1970 are not applicable to any premiums payable under this plan.

#### PRODUCTION GUARANTEE REPORT

14. The Commission shall prepare and deliver a production guarantee report in Form 3 to each insured person in each crop year and the insured person shall sign a copy thereof and return it to the Commission.

#### FINAL DATE FOR HARVESTING

15. For the purpose of this plan, peaches shall be harvested in a crop year not later than the 25th day of September or such other date as may be determined from time to time by the Commission. O. Reg. 30/73, Sched.

**Form 1**

*The Crop Insurance Act (Ontario)*

**CONTRACT OF INSURANCE**

**BETWEEN:**

THE CROP INSURANCE COMMISSION OF ONTARIO,  
hereinafter referred to as "THE COMMISSION",

OF THE FIRST PART;

—and—

.....

of the.....of.....

in the County (or as the case may be) of.....,  
hereinafter referred to as "THE INSURED  
PERSON",

OF THE SECOND PART;

WHEREAS the insured person has applied for  
crop insurance on peaches under The Ontario  
Crop Insurance Plan for Peaches, hereinafter re-  
ferred to as "the plan";

NOW THEREFORE, subject to *The Crop Insurance  
Act* (Ontario), and the regulations made thereunder,  
where, in a crop year the insured person suffers a  
loss in the production of peaches resulting from one or  
more of the perils designated in the plan, the Com-  
mission, subject to the terms and conditions  
hereinafter set forth, agrees to indemnify the  
insured person in respect of such loss.

**TERMS AND CONDITIONS**

**INSURED CROP**

1. In this contract, "insured crop" means all  
varieties of peaches produced in Ontario.

**CAUSES OF LOSS INSURED AGAINST**

2. This contract insures against a loss in pro-  
duction resulting from drought, freeze injury,  
frost, hail, hurricane or tornado and unavoidable  
pollination failure.

**CAUSES OF LOSS NOT INSURED AGAINST**

3. This contract does not insure against and no  
indemnity shall be paid in respect of a loss resulting  
from,

(a) the negligence, misconduct or poor farm-  
ing practices of the insured person or his  
agents or employees;

(b) a shortage of labour or machinery;

(c) insect infestation or plant disease; or

(d) a peril other than the perils designated in  
the plan.

**DURATION OF INSURANCE**

4. This contract is in force for the crop year in  
respect of which it is made and continues in force  
for each crop year thereafter unless it is ter-  
minated in accordance with the regulations.

**EXTENT OF INSURANCE**

5.—(1) The insured person shall offer for insur-  
ance all acreage planted to the insured crop on the  
farm or farms operated by him in Ontario, and,  
subject to subparagraph 2, this contract applies to  
all such acreage.

(2) This contract does not apply to, and no  
indemnity is payable in respect of, acreage planted  
to the insured crop,

(a) that was not adequately prepared for  
cropping purposes; or

(b) that, in the opinion of the Commission, is  
not insurable.

**COVERAGE**

6. The coverage provided by this contract shall  
be determined by the Commission in accordance  
with section 9 of the plan.

**INDEMNITY**

7. The maximum indemnity payable in respect of  
the insured crop for the crop year shall be the  
amount obtained by multiplying the total guaran-  
teed production by such established price per  
pound as is determined in accordance with the  
plan.

**PREMIUMS**

8. The amount of premium payable by the  
insured person in respect of the insured crop for the  
crop year shall be determined and paid in accord-  
ance with the provisions of the plan.

**PRODUCTION GUARANTEE REPORT**

9. The production guarantee report prepared  
by the Commission is binding on the insured  
person.

**CROP YEAR**

10. The crop year for peaches is the period from  
the 1st day of December in any year to the 30th  
day of November next following.

11.—(1) All insured acreage shall be harvested  
unless the Commission, upon application therefor



in writing, consents in writing to the abandonment or destruction of the insured crop or any part thereof.

(2) The final date for the harvesting referred to in subparagraph 1 is the 25th day of September or such other date as may be determined from time to time by the Commission.

(3) Where the harvesting of the insured acreage is not completed on the date prescribed by subparagraph 2, the insured person shall forthwith notify the Commission in writing and the Commission shall determine,

- (a) the potential production of the unharvested acreage; and
- (b) whether the harvesting was prevented by one or more of the causes of loss insured against.

(4) Where the Commission determines that harvesting was prevented by one or more of the causes of loss insured against, the Commission may extend the time for harvesting for such period as it considers proper.

(5) Where an insured person fails to notify the Commission in accordance with subparagraph 3, no indemnity shall be paid in respect of the unharvested acreage.

#### EVALUATION OF LOSS

12.—(1) The amount of loss that shall be taken into account in the final adjustment of loss in respect of the total insured acreage shall be calculated by multiplying the difference between the guaranteed production and the actual production by the established price per pound.

(2) For the purpose of subparagraph 1, actual production shall include,

- (a) the total orchard run of all insured acreage; and
- (b) the potential production of wholly or partially unharvested acreage where the failure to harvest resulted from a cause of loss not insured against.

(3) Where the insured crop or any part thereof has suffered hail or hurricane or tornado damage to such an extent that the grade has been reduced below Canada No. 1, the damaged yield shall not be counted as production.

#### NOTICE OF LOSS OR DAMAGE

13.—(1) Where loss or damage to the insured crop results from one or more of the perils insured

against, the insured person shall notify the Commission in writing prior to harvest in order that a pre-harvest inspection may be made.

(2) Notwithstanding subparagraph 1, where loss or damage to the insured crop results from one or more of the perils insured against and the damage was occasioned at a readily ascertainable time, the insured person shall notify the Commission in writing within the following time limits:

- 1. For hail or hurricane or tornado damage, within three days of the time of loss.
- 2. For frost damage or freeze injury occurring before full bloom, by full bloom time.
- 3. For frost damage or freeze injury occurring during or after full bloom, within three days of time of loss.
- 4. For pollination failure, as soon as the loss is apparent and in any event before the 30th day of June in the crop year.
- 5. For any other insured losses, as soon as the damage is apparent.

(3) Where the insured person fails to notify the Commission pursuant to subparagraphs 1 and 2, a claim by the insured person is invalid and his right to indemnity is forfeited.

#### MISREPRESENTATION, VIOLATION OF CONDITIONS OR FRAUD

14. Where the insured person,

- (a) in his application for insurance,
  - (i) gives false particulars of the insured crop to the prejudice of the Commission, or
  - (ii) knowingly misrepresents or fails to disclose any fact required to be stated therein;
- (b) contravenes a term or condition of the contract of insurance;
- (c) commits a fraud in respect of the insured crop; or
- (d) wilfully makes a false statement in respect of a claim under the contract of insurance,

a claim by the insured person is invalid and his right to recover indemnity is forfeited.

#### WAIVER OR ALTERATION

15. No term or condition of this contract shall be deemed to be waived or altered in whole or in part



by the Commission unless the waiver or alteration is clearly expressed in writing signed by the Commission or a representative authorized for that purpose by the Commission.

#### INTEREST OF OTHER PERSONS

16. Notwithstanding that a person other than the insured person holds an interest of any kind in the insured crop, for the purposes of this contract,

- (a) the interest of the insured person in the insured crop is deemed to be the full value of the crop; and
- (b) except as provided in paragraph 17, no indemnity shall be paid to any person other than the insured person.

#### ASSIGNMENT OF RIGHT TO INDEMNITY

17. The insured person may assign all or part of his right to indemnity under this contract in respect of the insured crop but an assignment is not binding on the Commission and no payment of indemnity shall be made to an assignee unless,

- (a) the assignment is made on a form provided by the Commission; and
- (b) the Commission consents thereto in writing.

#### ADJUSTMENT OF LOSS

18.—(1) The indemnity payable for loss or damage to the insured crop shall be determined in the manner prescribed by this contract.

(2) The Commission may cause the production of the insured crop to be appraised by any method that it deems proper.

(3) No indemnity shall be paid for a loss in respect of the insured crop unless the insured person establishes,

- (a) the actual production obtained from the insured crop for the crop year; and
- (b) that the loss in production or part thereof resulted directly from one or more of the perils insured against.

(4) Where a loss in production resulted partly from a peril insured against and partly from a cause of loss not insured against, the Commission shall determine the amount of the loss that resulted from the cause of loss not insured against, and the indemnity payable by the Commission under the contract shall be reduced accordingly.

#### PROOF OF LOSS

19.—(1) A claim for indemnity in respect of the insured crop shall be made on a proof of loss form

provided by the Commission and shall be filed with the Commission not later than sixty days after,

- (a) the completion of harvesting of the insured crop; or
- (b) the end of the crop year,

whichever is the earlier.

(2) Subject to subparagraph 3, a claim for indemnity shall be made by the insured person.

(3) A claim for indemnity may be made,

- (a) in the case of the absence or inability of the insured person, by his agent; or
- (b) in the case of the absence or inability of the insured person or on his failure or refusal to do so, by an assignee under an assignment made in accordance with paragraph 17.

(4) Where required by the Commission, the information given in a proof of loss form shall be verified by statutory declaration.

#### ARBITRATION

20. Where the Commission and the insured person fail to resolve any dispute respecting the adjustment of a loss under this contract, the matter shall be determined by arbitration in accordance with the regulations.

#### TIME FOR PAYMENT OF INDEMNITY

21.—(1) No indemnity under this contract becomes due and payable until,

- (a) the end of the crop year; and
- (b) the premium has been paid in full.

(2) Where the indemnity payable by the Commission under this contract is established by the filing of a proof of loss form or by an award of an arbitrator or board of arbitration, it shall be paid within sixty days of the receipt by the Commission of the proof of loss form or award, as the case may be.

(3) Nothing in this paragraph prevents the Commission from paying indemnity under this contract at an earlier date.

#### SUBROGATION

22. Where the Commission has paid a claim under this contract, the Commission is subrogated to the extent thereof to all rights of recovery of the insured person against any person and may bring action in the name of the insured person to enforce those rights.

RIGHT OF ENTRY

23. The Commission has a right of entry to the premises of the insured person that may be exercised by agents of the Commission at any reasonable time or times for any purpose related to the contract of insurance.

NOTICE

24.—(1) Any written notice to the Commission shall be given by delivery thereof or by sending it by mail to the Commission.

(2) Written notice to the insured person shall be given by delivery thereof or by sending it by mail addressed to him at his last post office address on file with the Commission.

IN WITNESS WHEREOF The Crop Insurance Commission of Ontario has caused this contract of insurance to be signed by its general manager but the same shall not be binding upon the Commission until countersigned by a duly authorized representative thereof.

Countersigned and dated at.....

this.....day of.....,19....

Duly Authorized  
Representative

General Manager

TABLE

Zone	Premium Rate
Township of Saltfleet in Wentworth County, Regional Municipality of Niagara North except the Township of West Lincoln.	5%
Regional Municipality of Niagara South, Township of West Lincoln in Niagara North, Counties of Essex and Kent.	8%
All other areas of the Province of Ontario.	10%

O. Reg. 30/73, Form 1.

Form 2

*The Crop Insurance Act (Ontario)*

APPLICATION FOR CROP INSURANCE FOR .....

To: The Crop Insurance Commission of Ontario:

.....  
(name of person, corporation or partnership and if partnership, names of all partners)

.....  
(address) (telephone no.)

applies for crop insurance under *The Crop Insurance Act (Ontario)*, and the regulations and in support of this application the following facts are stated:

1. Crop Insurance Contract number, if any, under *The Crop Insurance Act (Ontario)*:.....
2. This application is made for insurance coverage on.....
3. This application is made for the crop year ending in 19.....
4. Description of the farm or farms operated by applicant:

Farm Number	Lot	Concession	Township	County	Total Acres in Farm	Total number of Trees or Vines

5. The price per unit applied for is:
6. Production records for the preceding six years are available:   Yes ☐   No ☐
7. Sales records for the preceding year are available:   Yes ☐   No ☐
8. A deposit of \$.....(minimum \$50) accompanies this application.

Dated at ....., this.....day of....., 19....

.....  
(signature of applicant(s))  
.....  
(title of official signing for a corporation)

**Form 3**

*The Crop Insurance Act (Ontario)*

PRODUCTION GUARANTEE REPORT FOR .....

1. Insured person .....  
(name)  
.....  
(address) (county) (telephone no.)
2. Crop Insurance Contract No.....
3. Crop year covered by this report: 19....
4. Total production during the past six years has been affected by,
- (a) Tree or vine removal           ☐ Yes           ☐ No;
- (b) Change in acreage           ☐ Yes           ☐ No;
- (c) Age of trees or vines           ☐ Yes           ☐ No;
- (d) Biennial bearing           ☐ Yes           ☐ No.
5. Declaration of Previous Yields:

Year	Acreage	Number of Bearing Trees or Vines	Actual Yield	Cause of Loss

6. Average yield for insurance purposes is.....
7. Established price..... per.....
8. Experience ratio.....



9. Determination of Guaranteed Production:

Average Yield for Insurance purposes	Premium Rate Selected	Percentage Coverage	Guaranteed Production

10. Determination of Premium:

Average Yield	Value at Established Price	Premium Rate Selected	Total Premium	Grower's Share	Premium Deposit	Balance

Dated at....., this.....day of....., 19.....

.....  
(signature of insured person)  
  
.....  
(signature of authorized representative)

O. Reg. 30/73, Form 3.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*  
  
RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 5th day of January, 1973.

(4713)

6

THE EMPLOYMENT STANDARDS ACT

O. Reg. 31/73.  
General.  
Made—January 24th, 1973.  
Filed—January 26th, 1973.

REGULATION MADE UNDER  
THE EMPLOYMENT STANDARDS ACT

1. Section 3 of Regulation 244 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 369/72, is revoked and the following substituted therefor:

3. Except for sections 12, 13, 13a, 25, 26, 33, 34, 42 and 43 the Act does not apply to work or services performed or supplied by,

(a) a duly qualified practitioner of,

(i) architecture,
- (ii) chiroprody,

(iii) dentistry,

(iv) law,

(v) medicine,

(vi) optometry,

(vii) pharmacy,

(viii) professional engineering,

(ix) psychology,

(x) public accounting,

(xi) surveying, or

(xii) veterinary science;

(b) a duly registered drugless practitioner;

- (c) an embalmer or funeral director;
- (d) a teacher as defined in *The Teaching Profession Act*;
- (e) a student while engaged in training for the professions or callings mentioned in clauses a, b or c;
- (f) a person engaged in commercial fishing;
- (g) a person who is employed as a domestic servant in a single-family dwelling used for a private residence;
- (h) a secondary school student who performs work without pay under a work experience program approved by the Ministry of Education;
- (i) a person who performs work under a program approved by a community college or university; or
- (j) a person registered as a salesman of a broker registered under *The Real Estate and Business Brokers Act*. O. Reg. 31/73, s. 1.

2. Section 6 of Regulation 244 of Revised Regulations of Ontario, 1970, as amended by subsection 1 of section 3 of Ontario Regulation 91/71 and section 1 of Ontario Regulation 7/72, is revoked and the following substituted therefor:

#### MINIMUM WAGES

6. Sections 6 to 16 apply to every employer but do not apply to work performed for an employer by,

- (a) employees of a telephone company owning or operating a telephone system, switchboard or exchange serving fewer than 300 subscribers;
- (b) a student employed in a recreational program operated by a charitable organization registered as a charitable organization in Canada under Part I of the *Income Tax Act* (Canada), where the work or duties of the student are directly connected with the recreational program;
- (c) a student employed as an instructor or supervisor of children;
- (d) a student employed at a camp for children;
- (e) a superintendent, janitor or caretaker of a residential building who resides in the building;
- (f) a salesman, other than a route salesman, who is entitled to receive all or any part

of his remuneration as commissions in respect of offers to purchase or sales of goods, wares, merchandise or services and which offers or sales are normally made at a place other than the place of business of his employer;

- (g) a person employed on a farm whose employment is directly related to the primary production of eggs, milk, grain, seeds, fruit, vegetables, maple products, honey, tobacco, pigs, cattle, sheep and poultry;
- (h) a person employed as a trainee in a course leading to registration as a registered nurse or a registered nursing assistant under *The Nurses Act*;
- (i) a person employed as a trainee in a course of study for a laboratory technologist as required by the Canadian Society of Laboratory Technologists; or
- (j) a person employed as a trainee in a course of study for a radiological technician as required by the Canadian Association of Radiological Technicians. O. Reg. 31/73, s. 2.

3.—(1) Section 7, as amended by section 2 of Ontario Regulation 7/72, sections 8, 9 and 11, section 12, as amended by section 4 of Ontario Regulation 91/71 and sections 13 and 14 of Regulation 244 of Revised Regulations of Ontario, 1970, are revoked and the following substituted therefor:

7.—(1) Every employer shall pay not less than the minimum wage hereinafter prescribed:

- (a) subject to the minimum wage prescribed in clauses c, d and e, \$1.45 an hour to a student under eighteen years of age where the weekly hours of the student are not in excess of twenty-eight hours or where the student is employed during a school holiday;
- (b) subject to the minimum wage prescribed in clauses c, d and e, \$1.70 an hour to a learner during the first month of the employment of the learner;
- (c) \$86.40 per week to an ambulance driver, driver's helper or first-aid attendant employed in the ambulance service industry or where the ambulance driver, driver's helper or first-aid attendant employed in the ambulance service industry works less than forty-eight hours a week, \$1.80 an hour;
- (d) \$2.05 an hour to an employee employed in construction;



(e) \$2.05 an hour to a guard employed to protect property during construction who guards the site of construction;

(f) to an employee other than an employee mentioned in clauses *a* to *e*, both inclusive, \$1.80 an hour. O. Reg. 31/73, s. 3, *part*.

(2) Where meals or room or both are taken into account by an employer in calculating the minimum wage of an employee, the maximum amount at which meals or room or both shall be valued for the purpose of determining if the minimum wage prescribed has been paid to the employee shall be as follows:

- |                        |   |
|------------------------|---|
| 1. Room                | \$7.00 a week                             |
| 2. Meals               | 75¢ each and not more than \$15.00 a week |
| 3. Both room and meals | \$22.00 a week.                           |

O. Reg. 31/73, s. 3, *part*.

(3) Charges for meals or room shall not be deducted from the minimum wages of an employee unless he has actually received the meals and has occupied the room supplied. O. Reg. 31/73, s. 3, *part*.

4. This Regulation comes into force on the 1st day of February, 1973.

(4714)

6

## THE EMPLOYMENT STANDARDS ACT

### O. Reg. 32/73.

Ambulance Service Industry.

Made—January 24th, 1973.

Filed—January 26th, 1973.

## REGULATION MADE UNDER THE EMPLOYMENT STANDARDS ACT

1. Sections 2 and 3 of Regulation 242 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

2. All employers in the ambulance service industry are exempt from section 21 of the Act respecting employees who are engaged as ambulance drivers, driver's helpers and first-aid attendants. O. Reg. 32/73, s. 1, *part*.

3. All employers in the ambulance service industry who pay employees engaged as ambulance drivers, driver's helpers and first-aid attendants a weekly wage of not less than \$86.40 on and after

the 1st day of February, 1973, are exempt from the provisions of subclause iii of clause *a* of subsection 1 of section 38 of the Act respecting those employees. O. Reg. 32/73, s. 1, *part*.

(4715)

6

## THE PLANNING ACT

### O. Reg. 33/73.

Restricted areas—County of Oxford,

Township of Blandford.

Made—January 26th, 1973.

Filed—January 26th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

## RESTRICTED AREAS—COUNTY OF OXFORD, TOWNSHIP OF BLANDFORD

### INTERPRETATION

1. In this Order,

- (a) "commercial use" means the use of land, building or structure for the purposes of buying and selling of commodities and supplying of services as distinguished from such uses as manufacturing or assembling of goods, warehousing and construction;
- (b) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
- (c) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so interrelated living together as a single house-keeping unit in one dwelling unit;
- (d) "industrial use" means the use of land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale of any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, as distinguished from the buying and selling of commodities and the supplying of personal services;
- (e) "lot" means a parcel of land, described in a deed or other document legally capable



of conveying land, or shown as a lot or block on a registered plan of subdivision;

- (f) "mobile home" means a single-family dwelling designed for transportation after fabrication on streets and highways on its own wheels or on a flatbed or other trailer, and arriving at the site where it is to be occupied as a dwelling complete and ready for occupancy (except for minor and incidental unpacking and assembling operations) located on wheels, jacks or permanent foundations, and which may be connected to utilities and the like;
- (g) "mobile home park" means an establishment comprising land or premises under single ownership designed and intended for residential use where residence is in mobile homes exclusively but does not include public camping grounds maintained by the Township, Ministry of Transportation and Communications or Ministry of Natural Resources;
- (h) "single-family dwelling" means a separate building containing only one dwelling unit. O. Reg. 33/73, s. 1.

#### APPLICATION

2. This Order applies to all lands within the Township of Blandford. O. Reg. 33/73, s. 2.

#### GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Blandford prior to the day this Order comes into force. O. Reg. 33/73, s. 3.

#### PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- (a) commercial uses;
- (b) industrial uses;
- (c) the erection or use of more than one single-family dwelling on a lot;
- (d) the erection or use of any building containing more than one dwelling unit; and
- (e) mobile home parks. O. Reg. 33/73, s. 4.

5. Notwithstanding anything contained in this Order,

- (a) the Township of Blandford or any local board thereof, as defined in *The Municipal Affairs Act*;
- (b) any ministry, department or agency of the Government of Canada or Ontario;
- (c) any telephone or telegraph company; and
- (d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 33/73, s. 5.

#### REBUILDING AND REPAIRS

6.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 33/73, s. 6.

JOHN H. WHITE  
Treasurer of Ontario,  
Minister of Economics and  
Intergovernmental Affairs

Dated at Toronto, this 26th day of January, 1973.

(4716)

6

#### THE HIGHWAY TRAFFIC ACT

##### O. Reg. 34/73.

Speed Limits.

Made—January 24th, 1973.

Filed—January 26th, 1973.

#### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

- 1.—(1) Paragraph 3 of Part 5 of Schedule 1 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Paragraph 28 of Part 5 of the said Schedule 1, as remade by subsection 7 of section 1 of Ontario Regulation 254/71, is revoked.

2.—(1) Paragraph 1 of Part 2 of Schedule 2 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 3 in the County of Haldimand lying between a point situate at its intersection with the boundary line between lots 5 and 6 in Concession 7 in the Township of Walpole and a point situate 400 feet measured westerly from its intersection with the line between lots 33 and 34 in Concession 1 South in the Township of North Cayuga.

(2) Paragraph 9 of Part 5 of the said Schedule 2 is revoked.

3.—(1) Part 1 of Schedule 6 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

17. That part of the King's Highway known as No. 4 in the Township of Bentinck in the County of Grey lying between a point situate 400 feet measured easterly from its intersection with the centre line of the road allowance between lots 10 and 11 in Concession 1 South of Durham Road and a point situate at its intersection with the line between concessions 1 and 2 West of Garafraxa Road.

(2) Part 4 of the said Schedule 6 is amended by adding thereto the following paragraph:

10. That part of the King's Highway known as No. 4 in the Township of Bentinck in the County of Grey lying between a point situate 100 feet measured westerly from its intersection with the centre line of the roadway known as Twenty-second Avenue in the Town of Hanover and a point situate 400 feet measured easterly from its intersection with the centre line of the road allowance between lots 10 and 11 in Concession 1 South of Durham Road.

(3) Paragraph 10 of Part 5 of the said Schedule 6 is revoked and the following substituted therefor:

10. That part of the King's Highway known as No. 4 in the Township of Brant in the County of Bruce lying between a point situate at its intersection with the line between lots 21 and 22 in Concession 2 and lots 21 and 22 in Concession 3 and a point situate

at its intersection with the easterly limit of the roadway known as Yonge Street in the Town of Walkerton.

(4) Part 7 of the said Schedule 6 is revoked and the following substituted therefor:

#### PART 7

1. That part of the King's Highway known as No. 4 in the Township of Bentinck in the County of Grey lying between a point situate at its intersection with the line between lots 6 and 7 in Concession 1 South of Durham Road and a point situate 100 feet measured westerly from its intersection with the centre line of the roadway known as Twenty-second Avenue in the Town of Hanover. O. Reg. 34/73, s. 3 (4).

4.—(1) Paragraph 12 of Part 1 of Schedule 8 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

12. That part of the King's Highway known as No. 6 in the Township of Oneida in the County of Haldimand lying between a point situate 660 feet measured northerly from its intersection with the line between lots 27 and 28 in Range East of Plank Road and a point situate at its intersection with the southerly limit of the roadway known as Haddington Street in the Town of Caledonia.

(2) Paragraph 15 of Part 1 of the said Schedule 8 is revoked and the following substituted therefor:

15. That part of the King's Highway known as No. 6 in the Township of Walpole in the County of Haldimand lying between a point situate 1135 feet measured southerly from its intersection with the southerly limit of the road allowance between concessions 8 and 9 and a point situate at its intersection with the northerly limit of the road allowance between concessions 12 and 13.

(3) Paragraph 1 of Part 4 of the said Schedule 8, as remade by subsection 2 of section 3 of Ontario Regulation 91/72, is revoked.

(4) Paragraph 13 of Part 4 of the said Schedule 8 is revoked and the following substituted therefor:



13. That part of the King's Highway known as No. 6 in the Township of Oneida in the County of Haldimand lying between a point situate at its intersection with the line between lots 28 and 29 in Range East of Plank Road and a point situate 600 feet measured northerly from its intersection with the line between lots 27 and 28 in the said Range East of Plank Road.

Haldimand—  
Twp. of Oneida

5.—(1) Paragraphs 2 and 3 of Part 1 of Schedule 9 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 7 in the Township of Warwick in the County of Lambton lying between a point situate 1500 feet measured easterly from its intersection with the centre line of the east junction of the King's Highway known as No. 21 and a point situate 350 feet measured westerly from its intersection with the centre line of the road allowance between lots 9 and 10 in Concession 1 South of Egremont Road.

Lambton—  
Twp. of Warwick

3. That part of the King's Highway known as No. 7 in the Township of Warwick in the County of Lambton lying between a point situate 250 feet measured easterly from its intersection with the line between lots 11 and 12 in Concession 1 North of Egremont Road and a point situate 2000 feet measured westerly from its intersection with the westerly limit of the King's Highway known as No. 22.

Lambton—  
Twp. of Warwick

(2) Paragraph 5 of Part 1 of the said Schedule 9 is revoked.

(3) Paragraph 24 of Part 1 of the said Schedule 9 is revoked and the following substituted therefor:

24. That part of the King's Highway known as No. 7 lying between a point situate at its intersection with the line between concessions 1 and 2 in Division B in the Township of Guelph in the County of Wellington and a point situate 1500 feet measured westerly from its intersection with the centre line of the roadway known as Regional Road No. 11 in the former Township of Waterloo in The Regional Municipality of Waterloo.

The Regional Municipality of Waterloo—  
County of Wellington—  
Twps. of Guelph and Waterloo

(4) Paragraph 25 of Part 1 of the said Schedule 9 is revoked.

(5) Paragraph 26 of Part 1 of the said Schedule 9 is revoked and the following substituted therefor:

26. That part of the King's Highway known as No. 7 lying between a point situate at its intersection with the centre line of the roadway known as Wellington Street in the City of Kitchener in The Regional Municipality of Waterloo and a point situate 2000 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 59 in the Township of North Easthope in the County of Perth.

The Regional Municipality of Waterloo—  
County of Perth—  
Twp. of North Easthope

(6) Paragraph 2 of Part 2 of the said Schedule 9, as remade by subsection 1 of section 4 of Ontario Regulation 221/72, is revoked.

(7) Paragraph 2 of Part 3 of the said Schedule 9 is revoked.

(8) Part 4 of the said Schedule 9 is amended by adding thereto the following paragraphs:

18. That part of the King's Highway known as No. 7 in the Township of Warwick in the County of Lambton lying between a point situate 350 feet measured westerly from its intersection with the centre line of the road allowance between lots 9 and 10 in Concession 1 South of Egremont Road and a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Egremont Road.

Lambton—  
Twp. of Warwick

19. That part of the King's Highway known as No. 7 in the Township of Warwick in the County of Lambton commencing at a point situate 850 feet measured westerly from its intersection with the line between lots 11 and 12 in Concession 1 North of Egremont Road and extending easterly therealong for a distance of 1100 feet more or less.

Lambton—  
Twp. of Warwick

(9) Paragraph 3 of Part 5 of the said Schedule 9 is revoked.

(10) Paragraph 4 of Part 5 of the said Schedule 9 is revoked and the following substituted therefor:

4. That part of the King's Highway known as No. 7 and 8 in the townships of North Easthope and South Easthope in the County of Perth commencing at a point situate 2000 feet measured easterly from its intersection with the easterly limit of the King's

Perth—  
Twps. of North Easthope and South Easthope



Highway known as No. 59 and extending westerly therealong for a distance of 4000 feet more or less.

(11) Paragraphs 5 and 6 of Part 5 of the said Schedule 9 are revoked.

(12) Paragraph 20 of Part 5 of the said Schedule 9 is revoked.

(13) Part 7 of the said Schedule 9 is amended by adding thereto the following paragraph:

Lambton—  
Twp. of  
Warwick

5. That part of the King's Highway known as No. 7 in the Township of Warwick in the County of Lambton lying between a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Egremont Road and a point situate 850 feet measured westerly from its intersection with the line between lots 11 and 12 in Concession 1 North of Egremont Road.

6.—(1) Paragraphs 1 and 2 of Part 1 of Schedule 10 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked.

(2) Part 1 of Schedule 10 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

The Regional  
Municipality  
of Waterloo—  
Twp. of  
Wilmot

3. That part of the King's Highway known as Old Highway No. 7 in the former Township of Wilmot in The Regional Municipality of Waterloo lying between a point situate 2000 feet measured westerly from its intersection with the westerly limit of the roadway known as Regional Road No. 12 and a point situate at its intersection with the northerly limit of that part of the King's Highway known as No. 7 and 8.

(3) Part 2 of the said Schedule 10 is revoked and the following substituted therefor:

#### PART 2

The Regional  
Municipality  
of Waterloo—  
Twps. of  
Waterloo and  
Wilmot

1. That part of the King's Highway known as Old Highway No. 7 in The Regional Municipality of Waterloo lying between a point situate at its intersection with the line between lots 35 and 38 in German Company Tract in the former Township of Waterloo and a point situate 2300 feet measured easterly from its intersection with the easterly limit of the roadway known as Regional Road No. 12 in the former Township of Wilmot. O. Reg. 34/73, s. 6 (3).

(4) Part 5 of the said Schedule 10 is revoked and the following substituted therefor:

#### PART 5

1. That part of the King's Highway known as Old Highway No. 7 in the Municipality of Wilmot in The Regional Municipality of Waterloo—  
Twp. of  
Wilmot

commencing at a point situate 2300 feet measured easterly from its intersection with the easterly limit of the roadway known as Regional Road No. 12 and extending westerly therealong for a distance of 4300 feet more or less. O. Reg. 34/73, s. 6 (4).

7.—(1) Paragraph 11 of Part 1 of Schedule 13 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

The Regional  
Municipality  
of Waterloo—  
County of  
Perth—  
Twp. of  
North  
Easthope

11. That part of the King's Highway known as No. 8 lying between a point situate at its intersection with the centre line of the roadway known as King Street in the City of Kitchener in The Regional Municipality of Waterloo and a point situate 2000 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 59 in the Township of North Easthope in the County of Perth.

(2) Paragraph 1 of Part 2 of the said Schedule 13, as remade by subsection 2 of section 5 of Ontario Regulation 221/72, is revoked.

(3) Part 5 of the said Schedule 13 is amended by adding thereto the following paragraph:

Perth—  
Twps. of  
North  
Easthope  
and South  
Easthope

13. That part of the King's Highway known as No. 7 and 8 in the townships of North Easthope and South Easthope in the County of Perth commencing at a point situate 2000 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 59 and extending westerly therealong for a distance of 4000 feet more or less.

(4) Paragraph 1 of Part 6 of the said Schedule 13 is revoked.

8. Paragraph 7 of Part 5 of Schedule 17 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

9.—(1) Part 3 of Schedule 18 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

## PART 3

1. That part of the King's Highway known as No. 11B in the Town of Haileybury in the Territorial District of Timiskaming—of Timiskaming lying between a point situate at its intersection with the easterly limit of the Town of Cobalt and a point situate at its intersection with the roadway known as Third Street in the Town of Haileybury.

2. That part of the King's Highway known as No. 11B in the Town of Haileybury in the Territorial District of Timiskaming—of Timiskaming lying between a point situate at its intersection with the roadway known as Silver Lane and a point situate at its intersection with the roadway known as Sixth Avenue.

3. That part of the King's Highway known as No. 11B in the Town of Haileybury in the Territorial District of Timiskaming—of Timiskaming lying between a point situate 200 feet measured northerly from its intersection with the roadway known as Lowry Street and a point situate at its intersection with the line between the towns of Haileybury and New Liskeard. O. Reg. 34/73, s. 9 (1).

(2) Paragraph 3 of Part 4 of the said Schedule 18 is revoked and the following substituted therefor:

3. That part of the King's Highway known as No. 11B in the City of Orillia in the County of Simcoe lying between a point situate at its intersection with the northerly limit of the roadway known as Sundial Drive and a point situate at its intersection with the southerly limit of the King's Highway known as No. 11.

(3) Paragraph 2 of Part 5 of the said Schedule 18 is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 11B in the Town of Haileybury in the Territorial District of Timiskaming—of Timiskaming lying between a point situate at its intersection with the roadway known as Third Street and a point situate at its intersection with the roadway known as Silver Lane.

(4) Paragraph 4 of Part 5 of the said Schedule 18 is revoked and the following substituted therefor:

4. That part of the King's Highway known as No. 11B in the Town of Haileybury in the Territorial District of Timiskaming—of Timiskaming lying between a point

Town of Haileybury situate at its intersection with the roadway known as Sixth Avenue and a point situate at its intersection with the roadway known as Little Street.

(5) Paragraph 1 of Part 6 of the said Schedule 18 is revoked.

10.—(1) Paragraph 8 of Part 1 of Schedule 19 to Regulation 429 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 5 of Ontario Regulation 283/71, is revoked and the following substituted therefor:

8. That part of the King's Highway known as No. 12 in the County of Simcoe lying between a point situate 1000 feet measured westerly from its intersection with the centre line of the King's Highway known as No. 11 in the City of Orillia and a point situate 1000 feet measured easterly from its intersection with the centre line of the road allowance between lots 5 and 6 in Concession 14 in the Township of Medonte.

(2) Part 4 of the said Schedule 19 is amended by adding thereto the following paragraph:

10. That part of the King's Highway known as No. 12 in the City of Orillia in the County of Simcoe commencing at a point situate at its intersection with the centre line of the King's Highway known as No. 11 and extending westerly therealong for a distance of 1000 feet more or less.

11. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

## HIGHWAY NO. 12B

## Schedule 20a

## PART 1

(Reserved)

## PART 2

(Reserved)

## PART 3

(Reserved)

## PART 4

1. That part of the King's Highway known as No. 12B in the City of Orillia in the County of Simcoe com-



City of Orillia mencing at a point situate at its intersection with the centre line of the King's Highway known as No. 11 and extending easterly therealong for a distance of 1540 feet more or less.

## PART 5

(Reserved)

## PART 6

(Reserved)

## PART 7

(Reserved)

## PART 8

(Reserved)

O. Reg. 34/73, s. 11.

12.—(1) Paragraph 36 of Part 1 of Schedule 24 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

36. That part of the King's Highway known as No. 17 in the County of Renfrew lying between a point situate 3100 feet measured westerly from its intersection with the line between concessions A and B in the Township of McNab and a point situate at its intersection with the line between lots 8 and 9 in Concession 2 in the Township of Horton.

(2) Part 4 of the said Schedule 24 is amended by adding thereto the following paragraph:

16. That part of the King's Highway known as No. 17 in the Township of Horton in the County of Renfrew commencing at a point situate at its intersection with the line between lots 8 and 9 in Concession 2 and extending westerly therealong for a distance of 2112 feet more or less.

13.—(1) Paragraphs 9 and 10 of Part 1 of Schedule 32 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

9. That part of the King's Highway known as No. 21 in the Township of Kincardine in the County of Bruce lying between a point situate at its intersection with the line between lots 15 and 16 in Concession A Lake Range and a point situate at its intersection with the line between lots 58 and 59 in Concession C Lake Range.

10. That part of the King's Highway known as No. 21 in the County of Bruce lying between a point situate 1050 feet measured easterly from its intersection with the centre line of the roadway known as James Street in the Village of Tiverton and a point situate 1100 feet measured southerly from its intersection with the centre line of the road allowance between concessions 6 and 7 in the Township of Bruce.

(2) Paragraph 2 of Part 2 of the said Schedule 32, as remade by subsection 1 of section 8 of Ontario Regulation 221/72, is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 21 in the County of Kent lying between a point situate 456 feet measured southerly from its intersection with the centre line of Lot 12 in Concession 9 in the Township of Howard and a point situate 300 feet measured southerly from its intersection with the line between the townships of Howard and Camden.

(3) Part 5 of the said Schedule 32 is amended by adding thereto the following paragraphs:

8. That part of the King's Highway known as No. 21 in the Village of Tiverton in the County of Bruce commencing at a point situate 1940 feet measured southerly from its intersection with the centre line of the roadway known as Albert Street and extending northerly therealong for a distance of 2000 feet more or less.

9. That part of the King's Highway known as No. 21 in the Village of Tiverton in the County of Bruce commencing at a point situate 250 feet measured westerly from its intersection with the centre line of the roadway known as James Street and extending easterly therealong for a distance of 1300 feet more or less.

14.—(1) Paragraph 1 of Part 1 of Schedule 36 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 25 in the Town of Oakville in the County of Halton lying between a point situate at its intersection with the northerly limit of the King's Highway known as No. 5 and a point situate 1200 feet measured southerly from its intersection with the southerly limit of the roadway known as Derry Road West.



- (2) Paragraph 3 of Part 3 of the said Schedule 36 is revoked and the following substituted therefor:

3. That part of the King's Highway known as No. 25 in the Town of Oakville in the County of Halton commencing at a point situate at its intersection with the southerly limit of the roadway known as Derry Road West and extending southerly therealong for a distance of 1200 feet more or less.

15. Part 1 of Schedule 53 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

7. That part of the King's Highway known as No. 41 in the Township of Kaladar, Anglesea and Effingham in the County of Lennox and Addington lying between a point situate 750 feet measured northerly from its intersection with the line between lots 27 and 28 in Concession 7 and a point situate 400 feet measured southerly from its intersection with the line between lots 14 and 15 in First Range West.

8. That part of the King's Highway known as No. 41 in the County of Lennox and Addington lying between a point situate 200 feet measured northerly from its intersection with the line between lots 16 and 17 in First Range West in the Township of Kaladar, Anglesea and Effingham and a point situate 2000 feet measured southerly from its intersection with the line between concessions 3 and 4 in the Township of Denbigh, Abinger and Ashby.

9. That part of the King's Highway known as No. 41 in the Township of Denbigh, Abinger and Ashby in the County of Lennox and Addington lying between a point situate 1500 feet measured northerly from its intersection with the line between concessions 3 and 4 and a point situate 100 feet measured southerly from its intersection with the line between concessions 7 and 8.

10. That part of the King's Highway known as No. 41 lying between a point situate 200 feet measured northerly from its intersection with the centre line of the King's Highway known as

Twps. of Denbigh, Abinger and Ashby and Grattan

No. 500 in the Township of Denbigh, Abinger and Ashby in the County of Lennox and Addington and a point situate 1000 feet measured southerly from its intersection with the centre line of the King's Highway known as No. 132 in the Township of Grattan in the County of Renfrew.

- 16.—(1) Paragraphs 1 and 2 of Part 1 of Schedule 57 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 45 in the County of Northumberland lying between a point situate 450 feet measured southerly from its intersection with the southerly limit of the road allowance between lots 4 and 5 in Concession 3 in the Township of Hamilton and a point situate 1800 feet measured southerly from its intersection with the centre line of the road allowance between concessions 2 and 3 in the Township of Alnwick.

- (2) Part 4 of the said Schedule 57 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 45 in the Township of Hamilton in the County of Northumberland lying between a point situate 150 feet measured northerly from its intersection with the northerly limit of the roadway known as Harwood Road in the locality of Baltimore and a point situate 450 feet measured southerly from its intersection with the southerly limit of the road allowance between lots 4 and 5 in Concession 3.

- (3) Part 7 of the said Schedule 57 is revoked and the following substituted therefor:

#### PART 7

1. That part of the King's Highway known as No. 45 in the Township of Hamilton in the County of Northumberland lying between a point situate 115 feet measured southerly from its intersection with the centre line of the road allowance between concessions 2 and 3 and a point situate 150 feet measured northerly from its intersection with the northerly limit of the roadway known as Harwood Road in the locality of Baltimore. O. Reg. 34/73, s. 16 (3).

17. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

## HIGHWAY NO. 55

## Schedule 63a

## PART 1

(Reserved)

## PART 2

(Reserved)

## PART 3

The Regional Municipality of Niagara—

1. That part of the King's Highway known as No. 55 in the Town of Niagara-on-the-Lake in The Regional Municipality of Niagara lying between a point situate at its intersection with the northerly limit of the King's Highway known as the Queen Elizabeth Way and a point situate 2650 feet measured southerly from its intersection with the centre line of the roadway known as Regional Road No. 100.

The Regional Municipality of Niagara—

2. That part of the King's Highway known as No. 55 in the Town of Niagara-on-the-Lake in The Regional Municipality of Niagara lying between a point situate 500 feet measured northerly from its intersection with the northerly limit of the roadway known as Field Road and a point situate 1350 feet measured southerly from its intersection with the southerly limit of the roadway known as Regional Road No. 87.

## PART 4

(Reserved)

## PART 5

(Reserved)

## PART 6

(Reserved)

## PART 7

(Reserved)

## PART 8

(Reserved)

O. Reg. 34/73, s. 17.

18. Paragraph 1 of Part 4 of Schedule 66 to Regulation 429 of Revised Regulations of Ontario, 1970, as remade by subsection 3 of section 8 of Ontario Regulation 175/71, is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 58 in The Regional Municipality of Niagara lying between a point situate 500 feet measured southerly from its intersection with the roadway known as Quaker Road in the City of Welland and a point situate at its intersection with the northerly limit of the roadway known as Merritt Road in the Town of Thorold.

19. Paragraph 3 of Part 5 of Schedule 68 to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 9 of Ontario Regulation 308/72, is revoked.

20.—(1) Part 1 of Schedule 75 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 67 in the Territorial District of Cochrane lying between a point situate at its intersection with the southerly junction of the westerly limit of the King's Highway known as No. 11 in the Township of Clergue and a point situate at its intersection with the northerly limit of the King's Highway known as No. 101 in the Township of German.

(2) Paragraph 1 of Part 2 of the said Schedule 75 is revoked.

21.—(1) Paragraph 1 of Part 1 of Schedule 156 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 558 in the Town of Haileybury in the Territorial District of Timiskaming lying between a point situate 500 feet measured easterly from its intersection with the centre line of the road allowance between lots 10 and 11 in Concession 3 in the former Township of Burke and a point situate at its intersection with the King's Highway known as No. 11.

(2) Part 3 of the said Schedule 156 is revoked and the following substituted therefor:

## PART 3

1. That part of the King's Highway known as No. 558 in the Town of Haileybury in the Territorial District of Timiskaming lying between a point



Town of  
Haileybury

situate at its intersection with the westerly limit of the King's Highway known as No. 11 and a point situate at its intersection with the line between the Town of Haileybury and the Township of Firstbrook. O. Reg. 34/73, s. 21 (2).

- (3) Paragraph 1 of Part 4 of the said Schedule 156 is revoked and the following substituted therefor:

Territorial  
District of  
Timiskaming—

1. That part of the King's Highway known as No. 558 in the Town of Haileybury in the Territorial District of Timiskaming commencing at a point situate 500 feet measured easterly from its intersection with the centre line of the road allowance between lots 10 and 11 in Concession 3 in the former Township of Burke and extending easterly therealong for a distance of 500 feet more or less.

- 22.—(1) Part 3 of Schedule 160 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### PART 3

Territorial  
District of  
Timiskaming—

1. That part of the King's Highway known as No. 567 in the Town of Haileybury in the Territorial District of Timiskaming lying between a point

Town of  
Haileybury

situate 200 feet measured easterly from its intersection with the roadway known as Maple Street and a point situate at its intersection with the line between the Town of Haileybury and the Township of Lorrain. O. Reg. 34/73, s. 22 (1).

- (2) Paragraph 1 of Part 7 of the said Schedule 160 is revoked.

- 23.—(1) Paragraph 1 of Part 4 of Schedule 170a to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 15 of Ontario Regulation 221/72, is revoked.

- (2) Part 5 of the said Schedule 170a, as made by section 15 of Ontario Regulation 221/72, is revoked and the following substituted therefor:

#### PART 5

Territorial  
District of  
Cochrane—

1. That part of the King's Highway known as Old Highway No. 610 in the Township of Matheson in the Territorial District of Cochrane commencing at a point situate at its intersection with the northwesterly limit of the King's Highway known as No. 610 and extending westerly therealong for a distance of 3000 feet more or less. O. Reg. 34/73, s. 23 (2).

Twp. of  
Matheson

(4732)

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# Publications Under The Regulations Act

February 17th, 1973

## THE SURVEYORS ACT

O. Reg. 35/73.

General.

Made—December 12th, 1972.

Approved—January 24th, 1973.

Filed—January 29th, 1973.

### REGULATION MADE UNDER THE SURVEYORS ACT

#### GENERAL

1.—(1) The term of articles of a student who has successfully completed a university course in professional land surveying approved by the council is two years.

(2) Subject to subsection 3, the term of articles of a student, other than one described in subsection 1, shall extend for two years from the date when the student obtains pass standing in the examination mentioned in subsection 1 of section 2.

(3) When a student mentioned in subsection 1 or 2 has obtained experience in professional land surveying at a professional level before his application to become a student, his term of articles shall be reduced by a period of time equal to the period of his experience or one year, whichever is the lesser.

(4) Notwithstanding subsections 1, 2 and 3, where an applicant for membership in the Association fails to obtain pass standing in the examination therefor, and applies to be examined under subsection 6 of section 2, his term of articles is extended to the date of the successful completion of the examination. O. Reg. 35/73, s. 1.

2.—(1) Students, other than students described in subsection 1 of section 1, shall obtain pass standing in an academic examination at the level of examination required for graduation from a university course in professional land surveying approved by the council.

(2) Applicants for membership in the Association shall obtain pass standing in an examination in the performance of professional land surveying.

(3) Examinations of students and applicants for membership shall be held at least annually and at such place or places as the board shall designate from time to time.

(4) A candidate for examination shall give notice thereof in writing to the board at least one month before the date of commencement of the examinations.

(5) To obtain pass standing in a subject, a candidate for examination shall obtain not less than fifty per cent of the total marks obtainable in an examination in the subject.

(6) Where a candidate fails to obtain pass standing in an examination in any subject, he may attend at an examination in that subject within the next ensuing three years and if he fails to obtain pass standing within such period he shall not be eligible for further examination in the subject. O. Reg. 35/73, s. 2.

3.—(1) A student who commenced his term of articles before the 16th day of October, 1969 is entitled to be examined under the by-laws of the Association and rules of the board in force on the 15th day of October, 1969.

(2) Subsection 1 expires with the 15th day of October, 1975. O. Reg. 35/73, s. 3.

4.—(1) For the purposes of the Act and the regulations, "professional misconduct" means any conduct in the practice of professional land surveying that would be reasonably regarded as distasteful and dishonourable by professional brethren of good repute and competence including, without limiting the generality of the foregoing,

(a) a violation of the code of ethics of the Association;

(b) a conviction of an offence against the Act;

(c) a conviction of an offence under the *Criminal Code* (Canada) or any other statute that would cast doubt upon either the honesty or competence to practise of a member of the Association; and

(d) incompetence.

(2) "Incompetence" means lack of adequate knowledge of, or continued neglect of, or failure to exercise, the ordinary skills of a member of the Association in the practice of professional land surveying including, without limiting the generality of the foregoing, a breach of the requirements of any statute of Ontario or the regulations made thereunder respecting surveys or Ontario Land Surveyors. O. Reg. 35/73, s. 4.

COUNCIL OF THE ASSOCIATION OF  
ONTARIO LAND SURVEYORS:

SYDNEY G. HANCOCK  
*President*

A. F. ALLMAN  
*Secretary*

Dated at Toronto, this 12th day of December, 1972.

(4744)

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THE JUDICATURE ACT

O. Reg. 36/73.

Rules of Practice.

Made—November 4th, 1972.

December 2nd, 1972.

December 9th, 1972.

Approved—January 24th, 1973.

Filed—January 29th, 1973.

AMENDMENTS TO REGULATION 545 OF REVISED REGULATIONS OF ONTARIO, 1970, BEING THE RULES OF PRACTICE AND PROCEDURE OF THE SUPREME COURT OF ONTARIO, INCLUDING THE APPENDIX OF FORMS, AND THE TARIFFS OF FEES AND DISBURSEMENTS, MADE BY THE RULES COMMITTEE ON THE 4TH DAY OF NOVEMBER, AND THE 2ND AND 9TH DAYS OF DECEMBER, 1972, UNDER *THE JUDICATURE ACT*, TO BE EFFECTIVE ON THE 1ST DAY OF APRIL, 1973.

1. Rule 2 of Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulations 284/71 and 115/72, is further amended by,

(a) adding a new clause as follows:

(bbb) "conduct money" includes fees payable to witnesses according to the applicable tariff;

and

(b) revoking clause (n) and substituting therefor:

(n) "matrimonial offence" means an act or circumstance the commission or existence of which is a ground for divorce under section 3 of the *Divorce Act* (Canada);

2. Rule 15 of Ontario Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

15. Service of a writ of summons shall not be required where the defendant by his solicitor endorses on the original writ his acceptance of service and his undertaking to appear. O. Reg. 36/73, s. 2.

3. Sub-rule (1) of rule 27 of Regulation 545 of Revised Regulations of Ontario, 1970 is amended by striking out "entering appearance" and substituting "filing an appearance and delivering a statement of defence" therefor.

4. Sub-rule (1) of rule 33 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

*Special Endorsements*

33.—(1) At the option of the plaintiff, the writ of summons may be specially endorsed with a statement of his claim where the plaintiff seeks to recover a debt or liquidated demand in money (with or without interest and whether the interest be payable by way of damages or otherwise) arising,

(a) upon a simple written promise to pay or upon a written acknowledgement of debt; or

(b) upon a simple contract, express or implied, for goods sold and delivered; or

(c) upon a simple contract, express or implied, where the price or method of calculation of the price has been agreed upon for,

(i) work done or services rendered, or

(ii) work done or services rendered and for the supply and installation of materials; or

(d) upon a cheque, promissory note or bill of exchange; or

(e) upon an account settled between the parties in writing; or

(f) upon a bond or contract under seal for payment of a liquidated sum, but not including a claim for liquidated damages; or

(g) upon a judgment; or



(h) upon a statute where the amount sought to be recovered is a fixed sum of money or is in the nature of a debt other than a penalty; or

(i) upon a guarantee in writing where the claim against the principal is in respect of a debt or liquidated demand;

or the writ of summons may be specially endorsed with a statement of his claim,

(j) in an action for recovery of land; or

(k) in an action for recovery of chattels; or

(l) in an action for foreclosure, sale or redemption. O. Reg. 36/73, s. 4.

5. Rules 35 to 39, inclusive, including the heading immediately preceding rule 35, of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

6. Rule 40 of Regulation 545 of Revised Regulations of Ontario, 1970 is renumbered as rule 65*d*. O. Reg. 36/73, s. 6.

7. Rules 41 to 44, inclusive, of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

8. Rules 45 and 46, including the heading immediately preceding rule 45, of Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 520/71 are revoked.

9. Rules 47 to 50, inclusive, of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

10. Rules 51 and 52 of Regulation 545 of Revised Regulations of Ontario, 1970 are renumbered as rules 65*a* and 65*b*, respectively, and a heading "DOWER ACTIONS" is inserted immediately preceding rule 65*a*.

11. Rule 53 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.

12. Rule 54 of Regulation 545 of Revised Regulations of Ontario 1970, is renumbered as rule 65*c* and is amended by striking out "the two preceding rules" and substituting "this rule" therefor. O. Reg. 36/73, s. 12.

13. Rules 55 to 65, inclusive, including the heading immediately preceding rule 57, of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

14. The following rules and headings are added:

#### APPEARANCE

35.—(1) Unless otherwise ordered, where a defendant is served with a generally endorsed writ of summons, he shall file an appearance within ten days, and in the case of a specially endorsed writ within fifteen days, excluding the day of service. O. Reg. 36/73, s. 14, *part*.

(2) Unless otherwise ordered, where a summons to a defendant added by counter-claim is served, the added defendant shall file an appearance within twenty days, excluding the day of service. O. Reg. 36/73, s. 14, *part*.

(3) Unless otherwise ordered, where a respondent is served with an originating notice of motion, he shall file an appearance on or before the date upon which the motion is returnable. O. Reg. 36/73, s. 14, *part*.

(4) A defendant may file an appearance after the time limited by this rule,

(a) in an action where the writ is specially endorsed, at any time before judgment; and

(b) in an action where the writ is generally endorsed, at any time before pleadings are noted closed. O. Reg. 36/73, s. 14, *part*.

36. An appearance shall be according to Form 9 and shall be filed in the office in which the proceeding was commenced, and where the defendant or respondent appears by solicitor shall state the name and place of business of such solicitor, or if he appears in person shall name a place within Ontario to be called his address for service, and the defendant or respondent shall forthwith serve the appearance upon the plaintiff or applicant, as the case may be. O. Reg. 36/73, s. 14, *part*.

37. Where the appearance does not contain the address of the solicitor or an address for service of the defendant, as the case may be, it shall not be filed, and if such address is illusory or fictitious, the appearance may be set aside. O. Reg. 36/73, s. 14, *part*.

38. A defendant may apply for leave to file a conditional appearance according to Form 9 where he desires to contend that an order for service out of Ontario ought not to have been made. O. Reg. 36/73, s. 14, *part*.

39. Where a writ is endorsed to recover a money demand and a defendant desires to dispute only the amount claimed and to make no other defence, he may file an appearance according to Form 9, and the plaintiff, on four clear days' notice to the defendant, may have an account taken before the registrar and judgment may be signed for the amount found due. O. Reg. 36/73, s. 14, *part*.



40.—(1) Any person not named as a defendant in a writ for the recovery of land may file an appearance stating that he or his tenant, as the case may be, is in possession of the land or part of it. O. Reg. 36/73, s. 14, *part*.

(2) In all subsequent proceedings, such person shall be named as a party defendant. O. Reg. 36/73, s. 14, *part*.

(3) Where the writ is specially endorsed, rule 42 shall be complied with. O. Reg. 36/73, s. 14, *part*.

41. Any person filing an appearance to a writ for the recovery of land may limit his defence to a part of the land, describing the part with reasonable certainty in his appearance, and thereupon the plaintiff may sign judgment as provided in rule 52. O. Reg. 36/73, s. 14, *part*.

42.—(1) Where the writ is specially endorsed, the defendant shall with his appearance file an affidavit of merits made by the defendant or by any person having knowledge of the facts showing the nature of his defence, with the facts and circumstances which he deems entitle him to defend the action. O. Reg. 36/73, s. 14, *part*.

(2) The affidavit of merits shall be served upon the plaintiff and proof of such service shall be filed with the appearance. O. Reg. 36/73, s. 14, *part*.

(3) An affidavit of merits is not necessary from,

- (a) a defendant who files the consent of the plaintiff that the writ be treated as a generally endorsed writ;
- (b) a defendant who files an affidavit that the statement of claim has been served upon him;
- (c) a defendant who files an appearance in accordance with rule 39;
- (d) an executor or administrator or trustee, or an assignee for the benefit of creditors, or a liquidator or receiver, or a committee (other than the Public Trustee) of a mentally incompetent person, or a committee of an absentee, who serves on the plaintiff and files, with proof of service, an affidavit that after careful inquiry he does not feel justified in admitting the plaintiff's claim and desires that it shall be proved;
- (e) the Public Trustee appearing as committee of a mentally incompetent person; or
- (f) the Official Guardian appearing for an infant or a mentally incompetent person. O. Reg. 36/73, s. 14, *part*.

(4) A counter-claim shall be deemed to be a defence within the meaning of this rule. O. Reg. 36/73, s. 14, *part*.

(5) Where a defendant fails to comply with this rule, the plaintiff may sign judgment for default of appearance. O. Reg. 36/73, s. 14, *part*.

#### TIME FOR DELIVERY OF PLEADINGS

43. A plaintiff shall deliver his statement of claim at any time prior to the filing of an appearance or within thirty days thereafter, or, where there is more than one defendant, within ninety days after the first appearance was filed. O. Reg. 36/73, s. 14, *part*.

44. A defendant shall deliver his statement of defence and counter-claim, if any, within twenty days after the delivery of the statement of claim. O. Reg. 36/73, s. 14, *part*.

45. A defendant who delivers a statement of defence and counter-claim shall serve a copy thereof together with a copy of the statement of claim and a summons, according to Form 26, upon any party to the counter-claim who is not a plaintiff in the original action within thirty days after the issue of the summons. O. Reg. 36/73, s. 14, *part*.

46. Any defendant to a counter-claim shall deliver his statement of defence thereto within twenty days after the delivery of the statement of defence and counter-claim. O. Reg. 36/73, s. 14, *part*.

47.—(1) The plaintiff shall deliver his reply, if any, within ten days after a statement of defence has been delivered. O. Reg. 36/73, s. 14, *part*.

(2) Where a statement of defence to a counter-claim has been delivered, the plaintiff by counter-claim shall deliver his reply, if any, within ten days thereafter. O. Reg. 36/73, s. 14, *part*.

#### DEFAULT PROCEEDINGS

48.—(1) Unless otherwise ordered or provided, in default of filing an appearance to a writ of summons, a defendant is not entitled to deliver a statement of defence or to notice of a motion for judgment or to notice of trial or to notice of any other proceedings. O. Reg. 36/73, s. 14, *part*.

(2) In default of filing an appearance to an originating notice of motion, a respondent is not entitled to file any material on the motion. O. Reg. 36/73, s. 14, *part*.

49.—(1) Before any proceeding may be taken for default of appearance, the plaintiff shall file an affidavit of service of the writ upon the defendant in default, or the original writ upon which is endorsed the acceptance of service and the undertaking to appear given by a solicitor according to rule 15. O. Reg. 36/73, s. 14, *part*.

(2) Before any proceeding may be taken for default of defence, the plaintiff shall file an affidavit of service of the statement of claim upon the defendant in default or, where an appearance has been filed by a solicitor, upon the solicitor, or a copy of the statement of claim upon which is endorsed an admission of service by the solicitor, and where no appearance has been filed, sub-rule (1) shall also be complied with. O. Reg. 36/73, s. 14, *part*.

*Signing Judgment for Default of Appearance or Defence*

50. A judgment for default of appearance or defence shall not be signed after the expiration of one year from the date when the default occurred, without leave of the court. O. Reg. 36/73, s. 14, *part*.

51. Where the writ is specially endorsed and a defendant fails to comply with rule 42, the plaintiff may, as against such defendant, sign judgment,

- (a) where the claim is for a debt or liquidated demand in money, for an amount not exceeding such claim, together with interest as claimed, to the date of judgment, and for his costs, if claimed, according to Form 92;
- (b) where the claim is for or includes a claim for recovery of land, for possession of the land, and for his costs, if claimed, according to Form 93; and
- (c) where the claim is for the recovery of chattels, for the delivery of such chattels, and for his costs, if claimed, according to Form 98. O. Reg. 36/73, s. 14, *part*.

52. Where the claim is for or includes a claim for the recovery of land and a defendant has by his appearance limited his defence to part of such land, the plaintiff may as against such defendant sign judgment according to Form 96 for possession of that part of the land as to which no defence is made. O. Reg. 36/73, s. 14, *part*.

53. Where a plaintiff would have been entitled to sign judgment for failure of a defendant to comply with rule 42, he is entitled to sign a similar judgment, *mutatis mutandis*, for default of defence. O. Reg. 36/73, s. 14, *part*.

54. Where the plaintiff is entitled to sign default judgment, the judgment may be signed notwithstanding that the writ may be endorsed with any other claim and any such judgment shall be without prejudice to his right to proceed against any other defendant for the same relief or against any defendant for any other relief. O. Reg. 36/73, s. 14, *part*.

*Noting Pleadings Closed*

55.—(1) Where a defendant is in default in delivering his statement of defence and the plaintiff is not entitled to sign judgment, the plaintiff may require the registrar to note the pleadings closed and thereafter no statement of defence by the party in default shall be delivered without leave of the court. O. Reg. 36/73, s. 14, *part*.

(2) Pleadings shall not be noted closed unless a statement of claims has been delivered. O. Reg. 36/73, s. 14, *part*.

(3) Pleadings shall not be noted closed after the expiration of one year from the date when such default occurred, without leave of the court. O. Reg. 36/73, s. 14, *part*.

(4) A defendant against whom the pleadings have been noted closed for default in delivering his statement of defence shall be deemed to admit all the allegations of fact made in the statement of claim. O. Reg. 36/73, s. 14, *part*.

MOTIONS FOR JUDGMENT

56. In any action where the plaintiff is not entitled to sign judgment for default of appearance or defence or to move for judgment, the plaintiff shall note pleadings closed and set the action down for trial. O. Reg. 36/73, s. 14, *part*.

57. Except after trial, a plaintiff may not move for judgment,

- (a) in a matrimonial cause;
- (b) in an action to declare the invalidity of a marriage; or
- (c) for unliquidated damages, unless on consent or to implement a settlement. O. Reg. 36/73, s. 14, *part*.

58.—(1) Where the defendant files an appearance to a writ specially endorsed and delivers an affidavit of merits, the plaintiff may either move for judgment, or cross-examine upon such affidavit and thereafter move for judgment. O. Reg. 36/73, s. 14, *part*.

(2) On any such motion, where the court is satisfied that the defendant has not a good defence to the action or has not disclosed such facts as may be deemed sufficient to entitle him to defend the action, judgment may be given for the plaintiff. O. Reg. 36/73, s. 14, *part*.

(3) On any such motion, instead of granting judgment, the court may give the defendant leave to defend on such terms as seem just, or make an order for a speedy trial of the action with or without pleadings upon proper terms. O. Reg. 36/73, s. 14, *part*.



(4) Such motion may be made in respect of a cause of action specially endorsed, though the writ may also be endorsed with any other claim. O. Reg. 36/73, s. 14, *part*.

(5) Where a defendant does not dispute the plaintiff's claim but sets up a counter-claim, the court may stay proceedings respecting the claim until the counter-claim is disposed of. O. Reg. 36/73, s. 14, *part*.

(6) Where the defence disclosed applies only to a part of the plaintiff's claim, or any part of his claim is admitted to be due, the plaintiff shall have judgment forthwith for such part of his claim as the defence does not apply to, or as is admitted to be due, subject to such terms, if any, as to staying execution or payment into court as seem just, and the defendant may be allowed to defend as to the residue of the plaintiff's claim, or a reference may be directed under sub-rule (7) of this rule. O. Reg. 36/73, s. 14, *part*.

(7) Where it appears that the defence disclosed is substantially only as to the amount recoverable, the court may direct a reference, and either pronounce judgment to take effect on the confirmation of the report, or reserve further directions and questions of costs for consideration after the report is made. O. Reg. 36/73, s. 14, *part*.

59. Where a writ is specially endorsed the plaintiff may, either before or after service thereof, apply *ex parte* for leave to serve notice of motion for judgment and, where some special reason for urgency is shown, such leave may be given subject to such directions as seem just. O. Reg. 36/73, s. 14, *part*.

60. Where the plaintiff's claim is for an accounting and a statement of claim has been delivered, the plaintiff may move for judgment, and, unless the defendant satisfies the court that there is some preliminary question to be tried, judgment with a reference may be pronounced. O. Reg. 36/73, s. 14, *part*.

61.—(1) After pleadings have been noted closed, a plaintiff may, subject to rules 57 and 62, move for judgment upon the statement of claim. O. Reg. 36/73, s. 14, *part*.

(2) Where pleadings have been noted closed against one defendant and the action proceeds to trial as against another defendant, such motion may be made at the trial. O. Reg. 36/73, s. 14, *part*.

62. A motion for judgment in default of defence shall not be set down for hearing after the expiration of one year from the date when the plaintiff first became entitled to note the pleadings closed, without leave of the court. O. Reg. 36/73, s. 14, *part*.

63. A party may, at any stage of an action, apply for such judgment or order as he may, upon any admissions of fact in the pleadings, be entitled to; and it is not necessary to wait for the determination of any other question between the parties. O. Reg. 36/73, s. 14, *part*.

64. A party may, at any stage of an action, apply for such judgment or order as he may be entitled to where the only evidence consists of documents and such affidavits as are necessary to prove their execution or identity without the necessity of any cross-examination, or, where infants are concerned, and evidence is necessary so far only as they are concerned, for the purpose of proving facts that are not disputed. O. Reg. 36/73, s. 14, *part*.

65. On any motion for judgment, judgment may be awarded against any defendant and any such judgment shall be without prejudice to the plaintiff's right to proceed against any other defendant for the same relief or against any defendant for any other relief. O. Reg. 36/73, s. 14, *part*.

15. Sub-rule (2) of rule 111 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(2) Whether or not a defendant has filed an appearance, the plaintiff is not entitled to a judgment in default of defence unless a statement of claim has been served personally or in pursuance of an order for substituted service. O. Reg. 36/73, s. 15.

16. The "NOTE" immediately following rule 111 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.

17. Rules 112 and 113 of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

18. Rule 114 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

114. Where a defendant sets up a counter-claim which raises questions between himself and the plaintiff and any other person, he shall add a second style of cause in which he is described as "Plaintiff by Counter-claim" and the plaintiff and such other person are described as "Defendants by Counter-claim". O. Reg. 36/73, s. 18.

19. Rules 115, 120 and 123 of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

20. Rule 182 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.



21. Item 8 of rule 209 of Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 115/72, is further amended by striking out "rules 57 to 62" and substituting "rule 58" therefor.
22. Rules 222 and 224 of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.
23. Sub-rule (1) of rule 237 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) At least one judge shall sit in Court and one judge in Chambers at Toronto daily, Monday through Friday, in each week except as follows:

- (a) in long vacation, at least one judge shall sit daily, Monday through Friday, on both court motions and chamber applications, and
  - (b) in Christmas vacation, at least one judge shall sit on one day each week on both court motions and chamber applications. O. Reg. 36/73, s. 23.
24. Sub-rule (1) of rule 246 of Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 520/71, is revoked and sub-rules (2), (3), (4) and (5) of the said rule are renumbered as sub-rules (1), (2), (3) and (4), respectively.
  25. Rule 247 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.
  26. Sub-rule (1) of rule 248 of Regulation 545 of Revised Regulations of Ontario, 1970 is amended by striking out "or for assessment of damages".
  27. Rule 249 of Regulation 545 of Revised Regulations of Ontario, 1970 is amended by,
    - (a) in sub-rule (1), inserting "and actions wherein pleadings have been noted closed" immediately following "matrimonial causes" and striking out "or of assessment of damages",
    - (b) in sub-rules (3), (5) and (6), striking out "or of assessment of damages", and and
    - (c) revoking sub-rule (4).
  28. Rule 322 of Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

322. An action may be dismissed for want of prosecution where the plaintiff has failed,

- (a) to deliver his statement of claim within the time prescribed for so doing, or
- (b) to require that pleadings be noted closed against any defendant who is in default in delivering his statement of defence within ten days after such default. O. Reg. 36/73, s. 28.

29. Rule 331 of Regulation 545 of Revised Regulations of Ontario, 1970, is revoked and the following substituted therefor:

331.—(1) Where an infant is a party, any party adverse in interest may examine the next friend or guardian of the infant or, at his option, the infant, if he is competent to give evidence. O. Reg. 36/73, s. 29, *part*.

(2) Where a child of tender years does not understand the nature of an oath, he may nevertheless be examined for discovery if possessed of sufficient intelligence to be examined and if he understands the duty of speaking the truth, but his examination shall not be used as evidence at the trial pursuant to rule 329 unless otherwise ordered by the trial judge. O. Reg. 36/73, s. 29, *part*.

(3) Where a mentally incompetent person not so found by inquisition or judicial declaration is a party, any party adverse in interest may examine the next friend or guardian of the mentally incompetent person or, at his option and unless otherwise ordered, the mentally incompetent person if he is competent to give evidence. O. Reg. 36/73, s. 29, *part*.

(4) Where a mentally incompetent person not so found by inquisition or judicial declaration does not understand the nature of an oath, he may nevertheless be examined for discovery if possessed of sufficient intelligence to be examined and if he understands the duty of speaking the truth, but his examination shall not be used as evidence at the trial pursuant to rule 329 unless otherwise ordered by the trial judge. O. Reg. 36/73, s. 29, *part*.

(5) Where a mentally incompetent person who has been so found is a party, any party adverse in interest may examine his committee. O. Reg. 36/73, s. 29, *part*.

30. Rules 353 to 358, inclusive, including the heading immediately preceding rule 353, of Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

31. Sub-rule (1) of rule 466 of Regulation 545 of Revised Regulations of Ontario, 1970 is amended by inserting "and giving his address and naming a place within Ontario to be called his address for service" immediately following "effect".

32. Rule 500 of Regulation 545 of Revised Regulations of Ontario, 1970 is amended by striking out "Unless otherwise provided" and substituting "In all cases other than those referred to in rules 499 and 499B and unless otherwise provided".

33. Clauses (c) to (g), inclusive, of rule 796 of Regulation 545 of Revised Regulations of Ontario, 1970 are amended by inserting ", if any," immediately following "supporting affidavit" wherever the same appears therein.

34. Forms 1, 3, 5 and 8 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Form 1**

**GENERAL FORM OF WRIT OF SUMMONS**

(NOT SPECIALLY ENDORSED)

(RULES 5 AND 6)

(Court and Cause)

*Name and title of the Sovereign*

To C.D., of, etc.

WE COMMAND that, if you wish to defend this action, either you or your lawyer shall file an Appearance in the office of this Court at ..... within ten days after the day this Writ was served upon you;

AND TAKE NOTICE that, where a Statement of Claim is also served with this Writ, or is served upon you at some later date, and you fail to serve upon the plaintiff or his lawyer AND file your Statement of Defence in the same Court office within twenty days after the Statement of Claim has been served upon you, pleadings may be noted closed against you and you may not be permitted to deliver your Statement of Defence;

AND FURTHER TAKE NOTICE that where pleadings have been noted closed against you, you may be deemed to have admitted the plaintiff's claim and you may not be entitled to notice of any motion for judgment or notice of trial, AND JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

IN WITNESS WHEREOF, etc., (as in Rules 5 or 766, as the case may be)

*Memorandum to be subscribed on the Writ*

N.B. This Writ is to be served within twelve calendar months from the date thereof, or, if

renewed, within twelve calendar months from the date of such renewal, including the day of such date, and not afterwards.

*Endorsement to be made on the Writ*

The plaintiff's claim is for, etc., (as in Form 7 or as may be)

O. Reg. 36/73, s. 34, part.

**Form 3**

**WRIT FOR SERVICE OUT OF ONTARIO**

(RULES 6 AND 25)

(Court and Cause)

*Name and title of the Sovereign*

To C.D., of, etc.

WE COMMAND that, if you wish to defend this action, either you or an Ontario lawyer on your behalf shall file an Appearance and serve upon the plaintiff or his lawyer AND file your Statement of Defence in the office of this Court at ..... within ..... (here insert the number of days directed by the order allowing service) after the day this Writ (or Notice of this Writ as the case may be), and Statement of Claim were served upon you; AND TAKE NOTICE that if you fail to do so, pleadings may be noted closed against you and you may not be permitted to deliver your Statement of Defence;

AND FURTHER TAKE NOTICE that, where pleadings have been noted closed against you, you may be deemed to have admitted the plaintiff's claim and you may not be entitled to notice of any motion for judgment or notice of trial, AND JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

*Where the writ is specially endorsed, substitute the following command and notices for those appearing above*

WE COMMAND that, if you wish to defend this action, either you or an Ontario lawyer on your behalf shall,

(1) serve upon the plaintiff or his lawyer a copy of an Affidavit of Merits showing the nature of your defence, including the facts and circumstances which you believe entitle you to defend the action; and

(2) file such affidavit, with proof of service thereof, together with an Appearance, in the office of this Court, at ..... within ..... (here insert the number



*of days directed by the order allowing service*) after the day this Writ (or Notice of this Writ *as the case may be*) was served upon you;

AND TAKE NOTICE that if you fail to do so, JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

AND FURTHER TAKE NOTICE that if you pay to the plaintiff the amount of his claim within the time you are required to file your Appearance further proceedings will be stayed; and if you believe the amount claimed for costs to be excessive, you may have them taxed by the Court.

IN WITNESS WHEREOF, *etc.*, (as in Rules 5 or 766, as the case may be)

*Memoranda to be subscribed on the Writ*

N.B. This Writ is to be served within twelve calendar months from the date thereof, or, if renewed, within twelve calendar months from the date of such renewal, including the day of such date, and not afterwards.

N.B. When the defendant to be served is not a British subject, and is not in a British dominion, Notice of this Writ, and not the Writ itself, is to be served upon him.

O. Reg. 36/73, s. 34, *part.*

### Form 5

#### NOTICE OF WRIT

(RULE 6)

(Court and Cause)

To *C.D.*, of, *etc.*

TAKE NOTICE that *A.B.* of..... has commenced an action against you, in Her Majesty's Supreme Court of Ontario, by Writ of that Court, dated the.....day of.....

19....; which Writ is endorsed as follows (*copy in full endorsements of claim*)

*Where the Writ is generally endorsed add:*

and, if you wish to defend this action, either you or an Ontario lawyer on your behalf shall file an

Appearance and serve upon the plaintiff or his lawyer AND file your Statement of Defence in the office of this Court at..... within..... (*here insert the number of days directed by the order allowing service*) after the day this Notice and Statement of Claim were served upon you; AND TAKE NOTICE that if you fail to do so, pleadings may be noted closed against you and you may not be permitted to deliver your Statement of Defence;

AND FURTHER TAKE NOTICE that, where pleadings have been noted closed against you, you may be deemed to have admitted the plaintiff's claim and you may not be entitled to notice of any motion for judgment or notice of trial, AND JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

*Where the Writ is specially endorsed substitute the following for the foregoing as appropriate*

and, if you wish to defend this action, either you or an Ontario lawyer on your behalf shall,

(1) serve upon the plaintiff or his lawyer a copy of an Affidavit of Merits showing the nature of your defence, including the facts and circumstances which you believe entitle you to defend the action; AND

(2) file such affidavit, with proof of service thereof, together with an Appearance, in the office of this Court at..... within..... (*here insert the number of days directed by the order allowing service*) after the day this Notice was served upon you;

AND TAKE NOTICE that if you fail to do so, JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

AND FURTHER TAKE NOTICE that if you pay to the plaintiff the amount of his claim within the time you are required to file your Appearance further proceedings will be stayed; and if you believe the amount claimed for costs to be excessive, you may have them taxed by the Court.

Dated, *etc.*

.....  
(solicitor for *A.B.*)

NOTE: *This Notice is to be used when the person to be served is not a British subject, and is not in a British Dominion.*

O. Reg. 36/73, s. 34, *part.*



**Form 8****SPECIALLY ENDORSED WRIT**

(RULE 33)

(Court and Cause)

*Name and title of the Sovereign*

To C.D., of, etc.

WE COMMAND that, if you wish to defend this action, either you or your lawyer shall,

- (1) serve upon the plaintiff or his lawyer a copy of an Affidavit of Merits showing the nature of your defence, including the facts and circumstances which you believe entitle you to defend the action; AND
- (2) file such affidavit, with proof of service thereof, together with an Appearance, in the office of this Court at ..... within fifteen days after the day this writ was served upon you;

AND TAKE NOTICE that if you fail to do so, JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

AND FURTHER TAKE NOTICE that if you pay to the plaintiff the amount of his claim within the time you are required to file your Appearance, further proceedings will be stayed; and if you believe the amount claimed for costs to be excessive, you may have them taxed by the Court.

*Where a claim not falling within the provisions of rule 33 is to be added to the specially endorsed claim, add:*

The above command being applicable only to that part of the plaintiff's claim that is specially endorsed;

WE FURTHER COMMAND that, insofar as this Writ is generally endorsed, if you wish to defend this action, either you or your lawyer shall file an Appearance in the office of this Court at ..... within fifteen days after the day this Writ was served upon you;

AND TAKE NOTICE that, where a Statement of Claim is also served with this Writ, or is served upon you at some later date, and you fail to serve upon the plaintiff or his lawyer AND file your Statement of Defence in the same Court office within twenty days after the Statement of Claim has been served upon you, pleadings may be noted closed against you and you may not be permitted to deliver your Statement of Defence;

AND FURTHER TAKE NOTICE that where pleadings have been noted closed against you, you may

be deemed to have admitted the plaintiff's claim and you may not be entitled to notice of any motion for judgment or notice of trial, AND JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

IN WITNESS WHEREOF, etc., (as in Rules 5 or 766, as the case may be)

N.B. This Writ is to be served within twelve calendar months from the date thereof, or if renewed, within twelve calendar months from the date of such renewal, including the day of such date and not afterwards.

*Endorsements to be made on the Writ*

The plaintiff's claim is (as in Form 8A or as may be)

NOTE: In all cases of special endorsement, the specific claim shall be followed by this clause:

"and the plaintiff further claims \$. . . . . for costs".

O. Reg. 36/73, s. 34, *part.*

35. Claim 22 of Form 8A of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 307/72, is further amended by striking out "The plaintiff also claims \$. . . . . for mesne profits."
36. Form 9 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is amended by striking out in the heading thereof "(RULE 46)" and substituting "(RULES 36, 38, 39 and 41)" therefor.
37. Form 10 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.
38. Form 25 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 285/71, is revoked and the following substituted therefor:

**Form 25****THIRD PARTY NOTICE**

(RULE 167)

COURT

BETWEEN:

A.B.

Plaintiff





AND FURTHER TAKE NOTICE that where pleadings have been noted closed against you, you may be deemed to have admitted the claim of the plaintiff by Counter-claim and you may not be entitled to notice of any motion for judgment or notice of trial, AND JUDGMENT MAY BE GIVEN AGAINST YOU IN YOUR ABSENCE.

IN WITNESS WHEREOF, etc., (as in Rules 5 or 766 as the case may be)

O. Reg. 36/73, s. 39.

40. Form 30 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.

41. Forms 35 and 37 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 are amended by striking out "(or for assessment of damages)" where the same appears in each of the said forms.

42. Paragraph numbered 3 of Form 70 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

3. And it is further ordered that the time for filing an appearance to the said writ (and when necessary, add: and for delivering a statement of defence) be within..... days after the service of the said writ (and when necessary, add: and statement of claim).

43. Form 92 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### Form 92

#### DEFAULT JUDGMENT WHERE CLAIM IS FOR DEBT OR LIQUIDATED DEMAND

(RULE 51)

The defendant not having appeared herein (or not having delivered any statement of defence as the case may be), it is this day adjudged that the plaintiff recover against the said defendant \$.....

and \$..... for costs.

Judgment signed the..... day of.....,

19....

.....  
(signature of registrar)

O. Reg. 36/73, s. 43.

44. Form 93 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### Form 93

#### DEFAULT JUDGMENT WHERE CLAIM IS FOR RECOVERY OF LAND

(RULE 51)

The defendant not having appeared herein (or not having delivered any statement of defence as the case may be), it is this day adjudged that the plaintiff recover possession of the land described in the writ of summons (or statement of claim as the case may be) and \$..... for costs.

O. Reg. 36/73, s. 44.

45. Forms 94 and 95 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 are revoked.

46. Form 96 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### Form 96

#### DEFAULT JUDGMENT WHERE CLAIM IS FOR RECOVERY OF LAND AND DEFENCE IS LIMITED TO PART OF LAND

(RULE 52)

The defendant having by his appearance limited his defence to the land therein described, it is this day adjudged that the plaintiff recover possession of the land hereinafter described, being the land described in the writ of summons (or statement of claim as the case may be), other than the land so claimed by the defendant, namely:

.....(set out description).....

....., and \$..... for costs.

O. Reg. 36/73, s. 46.

47. Form 97 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is amended by striking out in the heading thereof "(RULE 40)" and substituting therefor "(RULE 65d)".

48. Form 98 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:



## Form 98

DEFAULT JUDGMENT WHERE CLAIM  
IS FOR RECOVERY OF CHATTELS

## (RULE 51)

The defendant not having appeared herein (or not having delivered any statement of defence *as the case may be*), it is this day adjudged that the defendant do forthwith deliver to the plaintiff the chattels described in the writ of summons (or statement of claim *as the case may be*), and \$..... for costs.

O. Reg. 36/73, s. 48.

49. Form 99 of the Appendix of Forms to Regulation 545 of Revised Regulations of Ontario, 1970 is revoked.

50. Tariff A of Regulation 545 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulations 285/71 and 520/71, is further amended by,

(a) revoking Item 18 of that part of the Tariff relating to fees to be allowed solicitors in the Supreme Court and substituting therefor:

18. Signing default judgment..... 25.00  
and

(b) revoking Item 15 of that part of the Tariff relating to fees to be allowed solicitors in County Courts and substituting therefor:

15. Signing default judgment..... 15.00

(4745) 7

THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT

## O. Reg. 37/73.

Sittings of the General Sessions of the Peace and Sittings of the County Court for the County of Perth.

Made—January 29th, 1973.

Filed—January 30th, 1973.

THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the Sittings of the General Sessions of the Peace and of the Sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Perth.

## ORDER

IT IS ORDERED that a Sittings of the Court of General Sessions of the Peace and a Sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Perth shall be held commencing on Monday, the 19th day of February, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County of Perth, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 37/72, *Order*.

C. E. BENNETT

*Chief Judge of the County  
and Districts Courts of the  
Counties and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 29th day of January, 1973.

(4746)

7

## THE MINISTRY OF EDUCATION ACT

## O. Reg. 38/73.

Pupil Records.

Made—January 9th, 1973.

Approved—January 24th, 1973.

Filed—January 30th, 1973.

REGULATION MADE UNDER  
THE MINISTRY OF EDUCATION ACT

## PUPIL RECORDS

## 1.—(1) In this Regulation,

- (a) "achievement form" means a student achievement form;
- (b) "credit" means recognition granted to a pupil as *prima facie* evidence that he has successfully completed a course that,
  - (i) contains one or more units of study or of work each of which requires for its completion the attention of the pupil for a number of hours considered sufficient by the Minister for acceptance by him as a part of the requirement for the Secondary School Graduation Diploma or the Secondary School Honour Graduation Diploma as the case may be, or
  - (ii) is accepted by the Minister as part of the requirement for the Secondary School Graduation Diploma or the Secondary School Honour Graduation Diploma, as the case may be;
- (c) "guardian" includes a person, society or corporation that has custody of a pupil;
- (d) "pupil record" means a record in respect of a pupil that is established and maintained by the principal of a school in accordance with this Regulation;
- (e) "receiving school" means a school or private school to which a pupil transfers from a sending school;
- (f) "record folder" means an Ontario student record folder;
- (g) "school" means a school in Ontario operated by the Government of Ontario or by a board;
- (h) "secondary school course" means a course at the secondary school level given at a school or private school; and

(i) "sending school" means,

(i) a school, or

(ii) a private school to which a pupil record has been transferred,

from which a pupil transfers to a school or private school.

## (2) For the purposes of this Regulation,

- (a) a pupil retires from school where he withdraws from a school except where,
  - (i) he withdraws for a temporary period with the consent of the principal, or
  - (ii) he transfers to another school or to a private school to which his pupil record, except the index card, is transferred; and
- (b) a pupil retires from a private school where he withdraws from the private school except where,
  - (i) he withdraws for a temporary period with the consent of the principal, or
  - (ii) he transfers to a school or to another private school to which his pupil record, except the index card, is transferred. O. Reg. 38/73, s. 1.

## 2. A pupil record shall consist of,

- (a) a record folder completed in accordance with this Regulation;
- (b) achievement forms in respect of the pupil completed in accordance with this Regulation;
- (c) documents, photographs and information in writing inserted in the record folder with the approval of the principal; and
- (d) an index card referred to in section 6. O. Reg. 38/73, s. 2.

3. This Regulation does not apply to a record established or maintained by the Ministry in respect of a pupil enrolled in a correspondence course that is distributed and supervised by the Ministry. O. Reg. 38/73, s. 3.

4.—(1) Commencing the 1st day of September, 1972, a pupil record shall be established at the time of enrolment in respect of each pupil who enrolls for the first time in school.

(2) Where a pupil who retired from school prior to the establishment of a pupil record in respect of such pupil re-enrolls in a school for the first time

after the 1st day of September, 1972, a pupil record shall be established in respect of such pupil at the time that he re-enrols, and where such pupil re-enrols in a school other than the school in which he was enrolled immediately prior to his retirement from school, the pupil record established under this subsection shall, upon the written request of the principal of the school at which the pupil has re-enrolled,

- (a) be established by the principal of the school in which the pupil was enrolled immediately prior to his retirement from school; and
- (b) be transferred by the principal establishing the record to the principal of the school at which the pupil has re-enrolled.

(3) A pupil record shall be established on or before the 1st day of September, 1973 in respect of a pupil who, during the school year that commenced in September, 1971, was enrolled in a school and, during the school year that commences in September, 1972, attends a school. O. Reg. 38/73, s. 4.

5.—(1) Where the progress through school of a pupil has been recorded in a manner other than in accordance with this Regulation and a pupil record is required to be established in respect of such pupil under subsection 2 or 3 of section 4, the pupil record shall be established by,

- (a) transcribing into or attaching to the record folder the items, particulars and summaries required for its completion in accordance with this Regulation;
- (b) completing and inserting in the record folder such achievement forms as may be necessary to record the educational achievement of the pupil; and
- (c) inserting in the record folder such other documents, photographs or other information in writing that in the opinion of the principal should form part of the pupil record for the purpose of the improvement of instruction of the pupil.

(2) Where a principal has established a pupil record in respect of a pupil, the record of progress through school of the pupil and any written information and documents that pertain to the pupil, that have not been inserted in the record folder and that are not records of attendance of pupils recorded in the register supplied by the Minister or recorded in such other manner as is approved by the Minister, shall be destroyed,

- (a) where the pupil or his parent or guardian has examined the pupil record, forthwith; or
- (b) where the pupil or his parent or guardian has not examined the pupil record, after

the expiration of six months from the establishment of the pupil record. O. Reg. 38/73, s. 5.

#### OFFICE INDEX CARD

6.—(1) The principal shall establish and maintain an index card for each pupil enrolled in the school and on such index card shall be recorded,

- (a) the full name of the pupil as recorded on the record folder;
- (b) the sex of the pupil;
- (c) the social insurance number of the pupil where the social insurance number is provided by the pupil;
- (d) the date of birth of the pupil and the source of verification thereof;
- (e) the name of the father and mother of the pupil or the name of the guardian of the pupil where applicable;
- (f) the name and address of the receiving school to which the pupil transfers and the date the pupil record in respect of the pupil is transferred to such receiving school;
- (g) the address of the pupil at the date he transfers from the school or at the date the pupil retires from school; and
- (h) the name and address of the school or such other means of identification thereof as may be sufficient to identify the source of the index card.

(2) In addition to the information recorded under subsection 1, the principal may cause to be recorded on the index card,

- (a) current particulars of the professional practitioners and advisors of the pupil;
- (b) the address and telephone number of the pupil;
- (c) the pupil's means of transportation to and from school; and
- (d) such other information as the principal considers relevant to assist in locating the pupil or in obtaining assistance for the pupil in the case of an emergency.

(3) The index card referred to in subsection 1 shall remain at the school during the period the pupil is enrolled at the school and, where the pupil transfers to another school or to a private school or retires from school, the index card shall be stored at the school from which he transfers or retires, or at a



central records office provided by the board, for a period of seventy years from the date upon which the pupil transfers to another school or to a private school, or retires from school, as the case may be. O. Reg. 38/73, s. 6.

#### RECORD FOLDER

7.—(1) A record folder shall be in Form 1 and shall be obtained from the Ministry or from a supplier designated by the Minister.

(2) Where the Minister designates a supplier of record folders, the Minister shall ensure by agreement with the supplier that the folders shall be made from paper of similar weight, composition and size to those supplied by the Ministry. O. Reg. 38/73, s. 7.

8.—(1) Subject to subsection 3, Part A of a record folder shall be completed when the pupil record is established and shall indicate the method of verification of the name and date of birth of the pupil.

(2) Where a pupil is known by a surname other than his legal name and where the principal is satisfied that such name is a name obtained by repute, the surname by which the pupil is known may be recorded in Part A in lieu of his legal surname.

(3) Where a principal receives a document that establishes to his satisfaction that a pupil, in respect of whom a pupil record is maintained by the principal, has had his name changed,

- (a) by adoption;
- (b) by marriage; or
- (c) in accordance with the law of the province, state or country in which the document was made,

the principal shall file the document or a notarial copy thereof in the record folder and shall change the name of the pupil on the record folder, the achievement forms and the index card, and thereafter reference to such record folder, achievement forms and index card shall be made as if the original record had been established in the name as changed. O. Reg. 38/73, s. 8.

9.—(1) An entry shall be made in Part B of a record folder,

- (a) where an achievement form in respect of the pupil is prepared; and
- (b) where an achievement form is not required to be prepared under subsection 2 of section 21.

(2) The name of the school or private school or the designation of the school where the school does

not have a particular name, shall be recorded in the column in Part B of the record folder under the subheading "School" each time that an entry is made in another column in Part B.

(3) The name of the board that operates the school or the name of the person that operates the school or private school shall be recorded in the column in Part B of the record folder under the subheading "Board" each time that an entry is made in another column in Part B.

(4) The name of the teacher designated by the principal as having basic responsibility for the pupil shall be recorded in the column in Part B of the record folder under the subheading "Teacher contact" each time that an entry is made in another column in Part B.

(5) Where an entry is made in Part B, the month and the year in which the pupil commenced the studies or the work in respect of which the achievement form is prepared shall be entered in the columns in Part B under the subheading "Entered" and where an entry is made in Part B and no achievement form is required to be prepared under subsection 2 of section 21, the entry in these columns shall be made as if an achievement form were prepared.

(6) Where an entry is made in Part B, the month and the year in which the pupil completed the studies or the work in respect of which the achievement form is prepared shall be entered in the columns in Part B under the subheading "Completed" and, where an entry is made in Part B and no achievement form is required to be prepared under subsection 2 of section 21, the entry in these columns shall be the date upon which the pupil transferred from the school to another school or to a private school, or retired from the school, as the case may be.

(7) The column in Part B under the subheading "Achievement Form No." shall be completed by the entry of the number of the achievement form in accordance with section 22 whenever an achievement form is placed in the record folder, and, where an entry is made in Part B and no achievement form is required to be prepared under subsection 2 of section 21, no entry shall be made in the column under the subheading "Achievement Form No."

(8) At least one entry in Part B shall be made for each school year. O. Reg. 38/73, s. 9.

10.—(1) A secondary school course that has been successfully completed by a pupil shall be recorded in Part C of the record folder established for the pupil, under one of the subheadings,

- (a) Communications;
- (b) Social and environmental studies;

(c) Pure and applied sciences; and

(d) Arts,

in accordance with the classification of the course that was established by the principal for the school year in which the course is successfully completed by the pupil.

(2) Entries made in Part C in respect of secondary school courses that have been successfully completed and that lead to the Secondary School Graduation Diploma or in respect of which a Certificate of Training may be granted shall be recorded on the part of the record folder to the right of the side note "Secondary School Graduation Diploma", and entries made in Part C in respect of secondary school courses that have been successfully completed and that lead to the Secondary School Honour Graduation Diploma shall be recorded on the part of the record folder to the right of the side note "Honour Graduation Diploma".

(3) The title of the secondary school course successfully completed and its local designation shall be entered in the proper column under the sub-subheading "Courses" in Part C.

(4) Where an entry is made in a column under the sub-subheading "Courses", there shall be entered opposite thereto,

- (a) in the column adjacent thereto under the sub-subheading "Year", the number 1, 2, 3, 4 or 5, which number shall have reference to the pupil year of attendance during which the secondary school course is customarily taken by pupils enrolled in the school or private school;
- (b) in the column under the sub-subheading "Grading" adjacent to the immediate right of the column referred to in clause *a*, the number, the letter or letters of the alphabet or a symbol or any combination thereof, as the case may be, that is representative of the grade obtained by the pupil where a grade was given for the course and, where no grade was given for the course, a check mark, asterisk or other symbol shall be entered therein to indicate that no grade was given to pupils in that course in that school year;

- (c) in the column under the sub-subheading "Credits" adjacent to the immediate right of the column referred to in clause *b*, the value assigned for diploma purposes to the credit awarded to the pupil in respect of the course, and where the credit has a value for diploma purposes that is not an integer, such value shall be expressed as a decimal; and

- (d) in the column under the sub-subheading "Date" adjacent to the immediate right of the column referred to in clause *c*, the date on which the pupil successfully completed the course.

(5) Where a Secondary School Graduation Diploma or a Certificate of Training has been granted to the pupil,

- (a) the date upon which the diploma or certificate was granted shall be recorded opposite the subheading "Date Granted" where it first appears in Part C and if a Certificate of Training was granted it shall be so recorded; and
- (b) the total value assigned for diploma purposes to the credits awarded in respect of the courses under each area of study shall be entered opposite the sub-subheading "total" immediately above the entry referred to in clause *a*,

and where a Secondary School Honour Graduation Diploma has been granted to the pupil, the date upon which it was granted shall be entered opposite the subheading "Date granted" where it appears for the second time in Part C.

(6) Where a credit has been obtained at a summer school or at an evening class, the title of the course in respect of which the credit was obtained, the grade, if any, the value of the credit obtained and the date shall be recorded in the appropriate columns in Part C of the record folder in the manner prescribed in subsections 1, 2, 3 and 4. O. Reg. 38/73, s. 10.

11. Notwithstanding section 10, where a computer or equipment used in connection with a computer is used to record the progress of a pupil through school or to print a part of the pupil record, the record or a copy thereof that is so produced shall be placed in the record folder in respect of the pupil and, where such record or copy contains the information that would be required for completion of any entry in Part C of the record folder if the pupil record were maintained and completed without the use of a computer or equipment used in connection with a computer, such information need not be recorded in Part C. O. Reg. 38/73, s. 11.

12.—(1) In Part D of the record folder, only the first names of the parents of a pupil shall be recorded except that, where the surname of the parent differs from the surname of the pupil, the surname of the parent shall be recorded.

(2) Where applicable, the full name of the guardian of a pupil shall be recorded in the space provided therefor in Part D of the record folder.

(3) Where a parent or the guardian of a pupil dies, the date of death shall be recorded opposite the name of such person. O. Reg. 38/73, s. 12.



13.—(1) Subject to subsection 2, a summary of any recommendations regarding special health problems of a pupil that, in the opinion of the principal, are likely to interfere with the achievement of the pupil in school shall be recorded in Part E of the record folder.

(2) The parents of a pupil under the age of eighteen years shall be consulted before an entry is made in Part E of the record folder, and the pupil shall be consulted where the pupil is of the full age of eighteen years.

(3) Entries in Part E of the record folder shall be kept current. O. Reg. 38/73, s. 13.

14. Where a photograph of the pupil in respect of whom a record folder is established is placed in Part F of the record folder, the date, as nearly as may be ascertained, on which the photograph was taken shall be recorded and the photograph may be replaced from time to time with a more recent photograph of the pupil. O. Reg. 38/73, s. 14.

15.—(1) Where a pupil participates in an extra-curricular activity, a record of his participation may be entered in Part G of the record folder.

(2) Where an entry is made under subsection 1, the date of the participation and the date of the entry shall be recorded in Part G of the record folder and additional information in respect of such entry may be inserted in the record folder. O. Reg. 38/73, s. 15.

16. Part H of a record folder may be used to record,

- (a) the referrals of the pupil, if any, to services or agencies;
- (b) information regarding a talent or special ability of the pupil; and
- (c) any other information not recorded in Part G of the record folder that may, in the opinion of the principal, be beneficial to teachers in the instruction of the pupil,

and additional information in respect of such entry may be inserted in the record folder. O. Reg. 38/73, s. 16.

17. Outstanding achievements of a pupil and any awards or scholarships that he receives and the date thereof may be recorded in Part I of the record folder in respect of the pupil, and additional information in respect of such entry may be inserted in the record folder. O. Reg. 38/73, s. 17.

18.—(1) The date upon which a pupil retires from school or from a private school to which his pupil record, except the index card, has been transferred, shall be recorded under the subheading "Date of retirement" in Part J of the record folder

in respect of the pupil and, where after such retirement the pupil re-enrolls in school or in a private school that maintains his pupil record, the date of his subsequent retirement from school or from a private school shall be recorded therein.

(2) Where a date is entered under the subheading "Date of retirement" in Part J of a record folder, the address of the pupil at such date shall, where the address is known to the principal, be recorded under the subheading "Address at retirement" in Part J. O. Reg. 38/73, s. 18.

19. Information as to the destination of the pupil in respect of employment or further education upon his retiring from school may be entered in Part K of the record folder. O. Reg. 38/73, s. 19.

#### THE STUDENT ACHIEVEMENT FORM

20.—(1) Subject to subsection 3, an achievement form supplied by the Ministry or by a supplier designated by the Minister shall be in Form 2.

(2) A board may approve for use in its schools an achievement form in the English or the French language that is not an achievement form in Form 2 if the achievement form,

- (a) provides for the information required under sections 22, 23, 24 and 25;
- (b) contains space for comment by the pupil or his parent or guardian as the case may be; and
- (c) contains the following statement or, in the case of an achievement form in the French language, an accurate translation of the following statement in the French language:

#### TO STUDENTS AND PARENTS

A copy of this form will be placed in the pupil record. Every attempt has been made to ensure that all entries made are a clear indication of the student's achievement. If you wish to discuss the entries, you are asked to contact the principal.

(3) Where the Ministry or a supplier designated by the Minister, at the request of a board, supplies an achievement form in Form 2 translated into the French language, such achievement form shall be deemed to be an achievement form in Form 2.

(4) An achievement form approved by a board under subsection 2 may be produced by means of a computer or equipment used in connection with a computer, and a copy of an achievement form printed thereby is acceptable for inclusion in the record folder.

(5) Subject to subsection 6, an achievement form shall be printed on paper that,



- (a) is white and is capable of retaining its whiteness for the period of time referred to in section 33;
- (b) is sufficiently opaque to permit ink to be applied to both sides of the paper and retain legibility to both sides thereof; and
- (c) is suitable for long-term storage.

(6) Where the information on the achievement form is recorded by means of a computer or equipment used in connection with a computer, the paper on which the information is printed shall be such as to provide as nearly as may be the characteristics set out in subsection 5. O. Reg. 38/73, s. 20.

21.—(1) Subject to subsection 2, after the first day of September, 1973 an achievement form shall be prepared for each pupil at the end of each school year and at the time the pupil transfers to another school or to a private school, or retires from school, as the case may be, and may be prepared more frequently as required by the board.

(2) Where a pupil transfers to another school or to a private school, or retires from school, within six weeks of the date of his enrolment in the school or within six weeks from the commencement of a new school year, as the case may be, an achievement form need not be prepared in respect of such period.

(3) Where schools are organized on a semester plan, an achievement form shall be prepared at the end of each semester. O. Reg. 38/73, s. 21.

22.—(1) When an achievement form is prepared, it shall be given a number and it shall be placed in the record folder maintained in respect of the pupil.

(2) Achievement forms for each pupil shall be numbered in the sequence in which they are prepared. O. Reg. 38/73, s. 22.

23. The full name of the pupil as recorded on the record folder shall be recorded on the achievement form. O. Reg. 38/73, s. 23.

24.—(1) There shall be set out on an achievement form,

- (a) a concise statement of the program of study undertaken by the pupil sufficient to enable a teacher to understand the objectives, content and degree of difficulty of the courses included in the program of study;
- (b) in respect of each program of study undertaken by the pupil, a detailed statement provided by an anecdotal description, a percentage mark, a letter grade or any other means that indicates the level of achievement of the pupil in such program of study;

- (c) in respect of a course for which credit may be awarded where the pupil is entitled to such credit, the value assigned to the credit for diploma purposes and, where the credit has a value that is not an integer, such value shall be expressed as a decimal; and
- (d) in respect of a course for which no credit may be awarded, the words "non-credit course".

(2) Where an achievement form in Form 2 is used, the information referred to in clause *a* of subsection 1 shall be set out in the column under the heading "Description of Studies" and the information referred to in clauses *b*, *c* and *d* of subsection 1 shall be set out in the other columns opposite the description of the program of study to which it refers. O. Reg. 38/73, s. 24.

25.—(1) An achievement form shall bear the address and other particulars of the school at which the pupil attained the achievement recorded on the form sufficient to identify the school and shall be signed by the principal of the school or the teacher or other school official designated for such purpose by the principal, and a form so signed is *prima facie* evidence of the achievement of the pupil recorded on the form.

(2) Where an achievement form is signed by a teacher or other school official designated by the principal, the person signing the form shall indicate thereon that he is signing for and on behalf of the principal and shall give the name of the principal. O. Reg. 38/73, s. 25.

26.—(1) Where an achievement form is completed and signed as provided in section 25, the achievement form shall be placed in the record folder of the pupil and a true copy of the achievement form shall,

- (a) be forwarded to the pupil where the pupil has attained the age of eighteen years; or
- (b) be forwarded to the parent or guardian of the pupil where the pupil has not attained the age of eighteen years.

(2) An achievement form that is forwarded as provided in subsection 1 may also constitute a report card in respect of the pupil if it is so noted on the achievement form.

(3) Where an achievement form is used as a report card, the record of attendance of the pupil in respect of the reporting period may be entered on the achievement form. O. Reg. 38/73, s. 26.

27. Where a principal receives a request referred to in subsection 4 of section 21a of *The Schools Administration Act* and refuses to comply with the request or any part thereof, he shall place in the record folder in respect of the pupil,

- (a) the request received by him; and
- (b) a note indicating his reasons for not complying with the request,

and shall advise the person making the request of his rights under subsection 5 of section 21a of *The Schools Administration Act*. O. Reg. 38/73, s. 27.

#### TRANSFER

28.—(1) Subject to subsections 2, 3 and 4, where a pupil transfers from a sending school to a receiving school, the principal of the receiving school shall, where the receiving school is a school, and may, where the receiving school is a private school, send to the principal of the sending school a written request for transfer of the pupil record in respect of the pupil, and upon receipt of such request the principal of the sending school shall transfer by first class mail to the principal of the receiving school, the materials, referred to in clauses *a*, *b* and *c* of section 2 in respect of the pupil.

(2) Where a pupil transfers by reason of promotion or in accordance with instructions of the board from one school to another that is under the jurisdiction of the same board, the principal of the sending school may, without a request therefor in writing, forward to the principal of the receiving school by first class mail or by delivery service provided by the board, the materials referred to in clauses *a*, *b* and *c* of section 2 in respect of the pupil.

(3) Where the receiving school is a private school, the principal of the sending school shall make the transfer under subsection 1 only where he has received from the principal of the private school written assurance that the private school will maintain, transfer and dispose of the pupil record in accordance with *The Schools Administration Act* and this Regulation.

(4) Where the receiving school is a private school that is not operated by the Government of Canada and that is not inspected under subsection 7 of section 20 of the Act, the principal of the sending school shall make the transfer under subsection 1 only with the consent of,

- (a) the pupil where he has attained the age of eighteen years; or
- (b) the parent or guardian of the pupil where the pupil has not attained the age of eighteen years.

(5) An original pupil record shall not be transferred to an educational institution outside Ontario, but a true copy of the information contained in the pupil record of a pupil may be sent by registered mail to the principal of such an educational institution where the principal in whose possession the pupil record may be, receives,

- (a) a request for the pupil record from the principal of such educational institution; and
- (b) a request in writing for the transfer of the pupil record signed by,

(i) the pupil where the pupil has attained the age of eighteen years, or

(ii) the parent or guardian of the pupil where the pupil has not attained the age of eighteen years.

(6) A true copy of the information contained in a pupil record may be provided to,

- (a) the pupil where the pupil has attained the age of eighteen years; or
- (b) the parent or guardian of the pupil where the pupil has not attained the age of eighteen years,

where the pupil or his parent or guardian, as the case may be, satisfies the principal that the pupil requires the copy for the purpose of enrolling in an educational institution outside Ontario. O. Reg. 38/73, s. 28.

29. Where a pupil has been,

- (a) admitted to or committed to an institution for treatment in respect of alcoholism, drug addiction or a mental disorder;
- (b) sent to a training school or sentenced to a penal or a correctional institution; or
- (c) convicted of an offence under the *Criminal Code* (Canada) or of an offence under the laws of the Province of Ontario or any other jurisdiction,

and an entry in respect thereof has been made in his record or the pupil record discloses one or more of such cases, the principal may, where in his opinion such information is not conducive to the improvement of instruction of the pupil, delete from the record any such entry and for the purpose of so doing may destroy all or part of the pupil record of such pupil after the principal has recreated the pupil record or part thereof for the purpose of making such deletion. O. Reg. 38/73, s. 29.

30.—(1) Where the principal of a school is of the opinion that a pupil record or any part of a pupil record should be established and maintained in the French language, the principal may, with the approval of the board, establish and maintain the pupil record or the part thereof in the French language.

(2) Where the principal of a private school that maintains a pupil record is of the opinion that the



pupil record or any part of the pupil record should be maintained in the French language, the principal may, with the approval of the person operating the private school, maintain the pupil record or the part thereof in the French language.

(3) Where the principal of a school or a private school maintains a pupil record in the French language and the pupil transfers from a sending school to a receiving school and the principal of the receiving school is of the opinion that the pupil record should be maintained in the English language, the part of the pupil record that is in the French language shall not be translated and the pupil record may be maintained thereafter in the English language.

(4) Where the principal of a school or a private school maintains a pupil record in the English language and the pupil transfers from a sending school to a receiving school and the principal of the receiving school is of the opinion that the pupil record should be maintained in the French language, the part of the pupil record that is in the English language shall not be translated and the pupil record may be maintained thereafter in the French language. O. Reg. 38/73, s. 30.

31. Where a pupil retires from school or from a private school that maintains a pupil record in respect of the pupil and the pupil, where he has attained the age of eighteen years, or his parent or guardian, where the pupil has not attained such age, so requests, the principal shall give to the pupil or his parent or guardian, as the case may be,

- (a) a true copy of Part C of the record folder in respect of the pupil; and
- (b) exclusive of the achievement forms, the information and materials that are stored in the record folder,

and where the information and materials referred to in clause *b* are not requested by the pupil or by his parent or guardian, as the case may be, within ninety days after the retirement of the pupil, they shall forthwith be destroyed. O. Reg. 38/73, s. 31.

32. The achievement forms retained in a record folder in respect of a pupil may be destroyed after three years next following the year in which the pupil retires from school or from a private school that maintains a pupil record in respect of the pupil. O. Reg. 38/73, s. 32.

33.—(1) Subject to subsection 3, a record folder in respect of a pupil shall be retained by the board,

- (a) in the school attended by the pupil immediately before his retirement from school; or
- (b) in a central records office maintained by the board that operated the school referred to in clause *a*,

for a period of seventy years from the year in which the pupil retires from school.

(2) Where a pupil retires from a private school that maintains a pupil record in respect of the pupil, the private school, after a period of three years next following the year in which the pupil retires from the private school, may, where the sending school in respect of that pupil is not a private school, return the record folder to the sending school, in which case subsection 1 applies as if such sending school were the school attended by the pupil immediately before his retirement from school and, where the private school does not return the record folder to the sending school, subsections 1 and 3 shall apply *mutatis mutandis* to the private school in respect of such record folder.

(3) Where a record folder in respect of a pupil has been microrecorded in a manner that permits a reproduction to be printed, the record folder may be destroyed after three years following the year in which the pupil retires from school or from a private school that maintains a pupil record in respect of that pupil and the microrecording shall be retained for a period of seventy years after the retirement of the pupil.

(4) Where a private school that maintains a pupil record ceases to operate as a private school,

- (a) a pupil record that was retained by the private school in respect of a former pupil; and
- (b) a pupil record of a pupil of the private school who does not transfer to a school or to a private school to which his pupil record is transferred,

shall forthwith be sent to the Minister. O. Reg. 38/73, s. 33.







For photo-copying purposes please do not type outside of this line

D

Father  
Mother  
Guardian

If deceased enter date

E

F

Special health information

Heart ☐    Hearing ☐  
Sight ☐    Speech ☐  
Other ☐

Recommendation:

Place photograph here

Entries in this section should be reviewed annually

H

Additional information

J

additional information in folder ☐

Date of retirement

Address at retirement

G

Extra-curricular school activities

dates

I

additional information in folder ☐

Special achievements in school activities

dates

K

additional information in folder ☐

Follow-up information





**To students and parents:**

A copy of this form will be placed in the record folder. Every attempt has been made to ensure that all entries made are a clear indication of the

student's achievement. If you wish to discuss the entries you are asked to contact the principal.

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Comment by student and/or parents:

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O. Reg. 38/73, Form 2.

THOMAS L. WELLS  
*Minister of Education*

Dated at Toronto, this 9th day of January, 1973.

(4747)

7

## THE DRUGLESS PRACTITIONERS ACT

### O. Reg. 39/73.

Physiotherapists.

Made—December 11th, 1972.

Approved—January 24th, 1973.

Filed—January 31st, 1973.

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### REGULATION MADE UNDER THE DRUGLESS PRACTITIONERS ACT

1. Clause c of section 7 of Regulation 233 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(c) \$20 on renewal of registration; and

#### BOARD OF DIRECTORS OF PHYSIOTHERAPY:

CATHERINE E. CUNNINGHAM

JEAN M. FAGAN

DAVID G. CULBERT

ESME DARDIER

ROBERT F. CLARK

Dated at Toronto, this 11th day of December, 1972.

(4762)

7

## THE SMALL CLAIMS COURTS ACT

**O. Reg. 40/73.**

Courts.

Made—January 24th, 1973.

Filed—January 31st, 1973.

REGULATION MADE UNDER  
THE SMALL CLAIMS COURTS ACT

1. Schedule 162 to Regulation 800 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 162**

1. The First Small Claims Court of the District of Sudbury.

2. Those parts of the Territorial District of Sudbury described as follows:

- i. The City of Sudbury.

- ii. The towns of,

- (a) Capreol;

- (b) Nickel Centre;

- (c) Onaping Falls;

- (d) Rayside-Balfour;

- (e) Valley East;

- (f) Walden.

- iii. The Territorial District of Sudbury, except those parts described in schedules 163, 164 and 165.

3. The City of Sudbury. O. Reg. 40/73, s. 1.

2. Schedules 178, 179 and 180 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 178**

1. The First Small Claims Court of the Judicial District of Waterloo.

2. Those parts of the Regional Municipality of Waterloo described as follows:

- i. The cities of,

- (a) Kitchener;

- (b) Waterloo.

- ii. The townships of,

- (a) Wellesley;

- (b) Woolwich.

3. The City of Kitchener. O. Reg. 40/73, s. 2, *part.*

**Schedule 179**

1. The Third Small Claims Court of the Judicial District of Waterloo.

2. Those parts of the Regional Municipality of Waterloo described as follows:

- i. The City of Cambridge.

- ii. The Township of North Dumfries.

3. The City of Cambridge. O. Reg. 40/73, s. 2, *part.*

**Schedule 180**

1. The Fourth Small Claims Court of the Judicial District of Waterloo.

2. Those parts of the Regional Municipality of Waterloo described as follows:

- i. The Township of Wilmot.

3. New Hamburg. O. Reg. 40/73, s. 2, *part.*

3. Schedules 187 and 188 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 188**

1. The Third Small Claims Court of the County of Wentworth.

2. Those parts of the County of Wentworth described as follows:

- i. The Town of Dundas.

- ii. The Village of Waterdown.

- iii. The townships of,

- (a) Ancaster;

- (b) Beverly;

- (c) East Flamborough;

- (d) West Flamborough.

3. The Village of Waterdown. O. Reg. 40/73, s. 3.



## THE SMALL CLAIMS COURTS ACT

**O. Reg. 41/73.**

Courts.

Made—January 24th, 1973.

Filed—January 31st, 1973.

### REGULATION MADE UNDER THE SMALL CLAIMS COURTS ACT

1. Schedules 43 and 46 of Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 43

1. The First Small Claims Court of the County of Halton.

2. Those parts of the County of Halton described as follows:

- i. The Town of Milton.

- ii. The Village of Acton.

- iii. The townships of,

- (a) Esquesing, except that part described in subparagraph ii of paragraph 2 of Schedule 45;

- (b) Nassagaweya.

- iv. That part of the former Township of Trafalgar described as follows: Beginning at the most northerly angle of the Township; thence southwesterly along the boundary between the townships of Esquesing and Trafalgar to the boundary between the townships of Trafalgar and Nelson; thence southeasterly along that boundary to the production southwesterly of the northwesterly boundary of Concession 2 north of Dundas Street; thence northeasterly along the production and the northwesterly boundary and its production northeasterly to the northeasterly boundary of the Township; thence northwesterly along that boundary to the place of beginning; excepting therefrom the Town of Milton.

#### Schedule 81

1. The First Small Claims Court of the United Counties of Leeds and Grenville.

3. The Town of Milton. O. Reg. 41/73, s. 1.

2. Schedules 81, 83, 85 and 86 of Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

2. Those parts of the United Counties of Leeds and Grenville described as follows:

- i. The City of Brockville.

- ii. The separated Town of Gananoque.

- iii. The Villages of,

- (a) Athens;

- (b) Newboro;

- (c) Westport.

- iv. The townships of,

- (a) Bastard and South Burgess;

- (b) Elizabethtown;

- (c) Front of Escott;

- (d) Front of Leeds and Lansdowne;

- (e) Front of Yonge;

- (f) Kitley;

- (g) North Crosby;

- (h) Rear of Leeds and Lansdowne;

- (i) Rear of Yonge and Escott;

- (j) South Crosby;

- (k) South Elmsley.

3. The City of Brockville. O. Reg. 41/73, s. 2.

3. Schedules 95 and 96 of Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 95

1. The Sixth Small Claims Court of the County of Middlesex.

2. Those parts of the County of Middlesex described as follows:

- i. The Town of Strathroy.

- ii. The Villages of,

- (a) Glencoe;

- (b) Newbury;

- (c) Wardsville.

- iii. The townships of,

- (a) Adelaide;
- (b) Caradoc;
- (c) Delaware;
- (d) Ekfrid;
- (e) Lobo, except that part described in subparagraph iv of paragraph 2 of Schedule 93;
- (f) Metcalfe;
- (g) Mosa.

3. The Town of Strathroy. O. Reg. 41/73, s. 3.

4. Schedules 134, 135 and 136 of Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 134

1. The First Small Claims Court of the County of Perth.

2. Those parts of the County of Perth described as follows:

- i. The City of Stratford.
- ii. The separated Town of St. Marys.
- iii. The Town of Mitchell.
- iv. The Village of Milverton.
- v. The Townships of,

- (a) Blanshard;
- (b) Downie (including the Gore of Downie);
- (c) Ellice;
- (d) Fullarton;
- (e) Hibbert;
- (f) Logan;
- (g) Mornington;
- (h) North Easthope;
- (i) South Easthope.

3. The City of Stratford. O. Reg. 41/73, s. 4, *part.*

#### Schedule 135

1. The Sixth Small Claims Court of the County of Perth.

2. Those parts of the County of Perth described as follows:

- i. The Town of Listowel.
- ii. The townships of,

- (a) Elma;
- (b) Wallace.

3. The Town of Listowel. O. Reg. 41/73, s. 4, *part.*

(4764)

7

#### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

##### O. Reg. 42/73.

Sittings of the General Sessions of the Peace and Sitting of the County Court for the County of Ontario.

Made—January 31st, 1973.

Filed—February 1st, 1973.

#### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the Sittings of the General Sessions of the Peace and of the Sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Ontario.

#### ORDER

IT IS ORDERED that a Sittings of the Court of General Sessions of the Peace and a Sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Ontario shall be held commencing on Monday, the 26th day of February, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County

Court of the County of Ontario, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 42/73, *Order*.

C. E. BENNETT  
*Chief Judge of the County  
and Districts Courts of the  
Counties and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 31st day of January, 1973.

(4765)

7

### THE MILK ACT

**O. Reg. 43/73.**  
Milk Producers—Licences.  
Made—January 25th, 1973.  
Filed—February 1st, 1973.

#### REGULATION MADE UNDER THE MILK ACT

1. Clause *d* of section 1 of Regulation 599 of Revised Regulation of Ontario, 1970, as made by section 1 of Ontario Regulation 47/71, is revoked.
2. Subsection 1 of section 4 of Regulation 599 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 2 of Ontario Regulation 47/71, is revoked and the following substituted therefor:

(1) Subject to subsection 1*a*, every producer shall pay licence fees at the rate of 7 cents for each 100 pounds or fraction thereof of milk sold to the marketing board. O. Reg. 43/73, s. 2, *part*.

(1*a*) Every producer in the Northern Ontario Pool, the Northwestern Ontario Pool, the Southern Ontario Pool and the Thunder Bay Pool shall pay licence fees at the rate of 11 cents for each 100 pounds or fraction thereof of milk sold to the marketing board. O. Reg. 43/73, s. 2, *part*.

THE ONTARIO MILK MARKETING BOARD:

G. R. McLAUGHLIN  
*Chairman*

E. C. ROUSE  
*Assistant Secretary*

Dated at Toronto, this 25th day of January, 1973.

(4766)

7

### THE PLANNING ACT

**O. Reg. 44/73.**  
Restricted Area—County of Oxford, Township of East Zorra.  
Made—February 1st, 1973.  
Filed—February 2nd, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

RESTRICTED AREAS—COUNTY OF OXFORD,  
TOWNSHIP OF EAST ZORRA

#### INTERPRETATION

1. In this Order,
  - (*a*) “commercial use” means the use of land, building or structure for the purposes of buying and selling of commodities and supplying of services as distinguished from such uses as manufacturing or assembling of goods, warehousing and construction;
  - (*b*) “dwelling unit” means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
  - (*c*) “family” means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so inter-related living together as a single house-keeping unit in one dwelling unit;
  - (*d*) “industrial use” means the use of land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale of any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, as distinguished from the buying and selling of commodities and the supplying of personal services;
  - (*e*) “lot” means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;
  - (*f*) “mobile home” means a single-family dwelling designed for transportation after fabrication on streets and highways on its own wheels or on a flatbed or other trailer, and arriving at the site where it is to be



occupied as a dwelling complete and ready for occupancy (except for minor and incidental unpacking and assembling operations) located on wheels, jacks or permanent foundations, and which may be connected to utilities and the like;

(g) "mobile home park" means an establishment comprising land or premises under single ownership designed and intended for residential use where residence is in mobile homes exclusively but does not include public camping grounds maintained by the Township, Ministry of Transportation and Communications or Ministry of Natural Resources;

(h) "single-family dwelling" means a separate building containing only one dwelling unit. O. Reg. 44/73, s. 1.

#### APPLICATION

2. This Order applies to all lands within the Township of East Zorra. O. Reg. 44/73, s. 2.

#### GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of East Zorra prior to the day this Order comes into force. O. Reg. 44/73, s. 3.

#### PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- (a) commercial uses;
- (b) industrial uses;

(c) the erection or use of more than one single-family dwelling on a lot;

(d) the erection or use of any building containing more than one dwelling unit; and

(e) mobile home parks. O. Reg. 44/73, s. 4.

5. Notwithstanding anything contained in this Order,

(a) the Township of East Zorra or any local board thereof, as defined in *The Municipal Affairs Act*;

(b) any ministry, department or agency of the Government of Canada or Ontario;

(c) any telephone or telegraph company; and

(d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 44/73, s. 5.

#### REBUILDING AND REPAIRS

6.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 44/73, s. 6.

J. H. WHITE  
*Treasurer of Ontario  
 and Minister of Economics  
 and Intergovernmental Affairs*

Dated at Toronto, this 1st day of February, 1973.

(4764)

7



# Publications Under The Regulations Act

February 24th, 1973

## THE PUBLIC LANDS ACT

O. Reg. 45/73.

Restricted Areas—District of Timiskaming.

Made—February 1st, 1973.

Filed—February 5th, 1973.

### ORDER MADE UNDER THE PUBLIC LANDS ACT

#### RESTRICTED AREAS—DISTRICT OF TIMISKAMING

1. The area in territory without municipal organization and composed of the geographic townships of Argyle, Baden, Bannockburn, Cairo, Doon, Hincks, Midlothian, Montrose, Powell and Yarrow in the Territorial District of Timiskaming is designated as a restricted area. O. Reg. 45/73, s. 1.

Dated the 1st day of February, 1973.

L. E. BERNIER  
*Minister of Natural Resources*

(4786)

8

## THE PROVINCIAL PARKS ACT

O. Reg. 46/73.

Designation of Parks.

Made—January 31st, 1973.

Filed—February 5th, 1973.

### REGULATION MADE UNDER THE PROVINCIAL PARKS ACT

1. Schedule 64 of Appendix B to Regulation 695 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### Schedule 64

#### OBATANGA PROVINCIAL PARK

In geographic townships Tp. 31, Range 27, and Tp. 32, Range 27 in the Territorial District of Algoma containing an area of 23,250 acres, more or less, described as follows:

Beginning at the northeasterly corner of geographic Township Tp. 32, Range 27; thence westerly along the northerly boundary of that geographic township 2 miles and 30 chains; thence south 36° 00' west astronomically 6 miles and 20 chains to the westerly boundary of the last-mentioned geographic township; thence southerly along that westerly boundary to the southerly boundary of that geographic township; thence easterly along that southerly boundary to the southeasterly corner of that geographic township; thence northerly along the easterly boundary of that geographic township 1 mile and 40 chains; thence north 45° east astronomically 3 miles and 40 chains; thence north astronomically 2 miles, more or less, to the northerly boundary of geographic Township Tp. 31, Range 27; thence westerly along that northerly boundary 2 miles and 40 chains, more or less, to the place of beginning.

Excepting therefrom that part of the right of way of that part of the King's Highway known as No. 17 lying within the boundaries of the hereinbefore described lands. O. Reg. 46/73, s. 1.

2. Appendix B to Regulation 695 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

#### Schedule 104

#### WAKAMI LAKE PROVINCIAL PARK

In the geographic townships of Wakami, Tp. 9A, Tp. 10A, Tp. 10B and Tp. 11B, in the Territorial District of Sudbury, containing 21,760 acres, more or less, described as follows:

Beginning at the southeasterly corner of the geographic Township of Tp. 10B; thence westerly along the southerly boundary of that geographic township 1 mile; thence north astronomically 1 mile; thence west astronomically 1 mile; thence north astronomically 10 miles; thence east astronomically 1 mile to the easterly boundary of the geographic Township of Tp. 11B; thence southerly along the easterly boundary of that geographic township 1 mile; thence east astronomically 3 miles; thence south astronomically 3 miles; thence west astronomically 1 mile; thence south astronomically 8 miles; thence west astronomically 1 mile, more or less, to the westerly boundary of the geographic Township of Tp. 9A; thence northerly along that westerly boundary to the place of beginning. O. Reg. 46/73, s. 2, *part*.



**Schedule 105****CHAPLEAU NEMEGOSENDA RIVER  
PROVINCIAL PARK**

In the geographic townships of Alcorn, Bonar, Collins, Copperfield, Lincoln, Pattinson, Paul, Racine, Sadler and Sherlock in the Territorial District of Sudbury and the geographic townships of Kapuskasing and Loughheed in the Territorial District of Algoma containing an area of 31.50 square miles, more or less, and being composed of the bed of the Chapleau River and the Nemegosenda River and a strip of land 400 feet in perpendicular width from the high-water mark on each side of the said rivers together with all islands in the said rivers, described as follows:

The Chapleau River extending northerly from the northerly limit of Lot 1 in Concession VI in the Township of D'Arcy in the Territorial District of Sudbury to a line drawn east and west astronomically from a point distant 18,997.23 feet measured north 65° 15' east from the southwesterly corner of the geographic Township of Kapuskasing in the Territorial District of Algoma.

The Nemegosenda River extending northerly from a line drawn parallel to and distant 2 miles measured north astronomically from the southerly boundary of the geographic Township of Collins in the Territorial District of Sudbury to the easterly limit of Lot 9 in Concession VII in the geographic Township of Kapuskasing in the Territorial District of Algoma. O. Reg. 46/73, s. 2, *part*.

**Schedule 106****LADY EVELYN RIVER  
PROVINCIAL PARK**

In the geographic townships of Gamble, McGiffin and Rorke in the Territorial District of Timiskaming and the geographic townships of Parker, Selby and Sladen in the Territorial District of Sudbury containing an area of 6088 acres, more or less, and being composed of the bed of the Lady Evelyn River and Florence River and a strip of land 400 feet in perpendicular width from the high-water mark on each side of the said rivers together with all islands in the said rivers, described as follows:

In the geographic Township of Parker in the Territorial District of Sudbury, Florence River bounded on the north by South Lady Evelyn River and bounded on the south by a line drawn north 27° 40' east astronomically from a point distant 1 mile and 4280 feet measured north 80° 40' west astro-

nomically from the 2 mile post planted in the easterly boundary of that geographic township, and South Lady Evelyn River bounded on the south by Florence River and bounded on the north by the north boundary of the geographic Township of Parker:

In the geographic Township of Selby, South Lady Evelyn River bounded on the north by the northerly boundary of that geographic township:

In the geographic Township of Sladen, North Channel Lady Evelyn River bounded on the north by the northerly boundary of that geographic township and bounded on the east by a line drawn north 48° 18' west from a point distant 8950 feet measured north 56° 30' west from the 4 mile post planted on the easterly boundary of that geographic township, and South Channel Lady Evelyn River bounded on the north by North Channel Lady Evelyn River and bounded on the east by the easterly boundary of that geographic township;

In the geographic Township of Rorke in the Territorial District of Timiskaming, North Lady Evelyn River bounded on the west by the westerly boundary of that geographic township and bounded on the south by the southerly boundary of that geographic township;

In the geographic Township of McGiffin, North Lady Evelyn River bounded on the east by the easterly limit of that geographic township and bounded on the west by the westerly boundary of that geographic township and South Lady Evelyn River bounded on the west by the westerly boundary of that geographic township and bounded on the south by the southerly boundary of that geographic township and bounded on the north by North Lady Evelyn River;

In the geographic Township of Gamble, North Lady Evelyn River bounded on the north by the northerly boundary of that geographic township and bounded on the east by the easterly limit of that geographic township and South Lady Evelyn River bounded on the south by the southerly boundary of that geographic township and on the east by the easterly boundary of that geographic township.

Saving and excepting any lands patented before the 29th day of August, 1972. O. Reg. 46/73, s. 2, *part*.

LEO BERNIER  
*Minister of Natural Resources*

(4787)

8

**THE PITS AND QUARRIES CONTROL  
ACT, 1971**

**O. Reg. 47/73.**

General.

Made—January 31st, 1973.

Filed—February 5th, 1973.

**REGULATION MADE UNDER  
THE PITS AND QUARRIES CONTROL  
ACT, 1971**

1. Table 1 to Ontario Regulation 545/71, as amended by section 11 of Ontario Regulation 107/72 and Ontario Regulation 226/72, is further amended by adding thereto the following items:

51. King

52. Uxbridge

2. Form 5 of Ontario Regulation 545/71 is revoked and the following substituted therefor:

**Form 5**

*The Pits and Quarries Control Act, 1971*

**NOTICE OF APPLICATION**

I, .....  
(name)

.....  
(address)

hereby give notice that application has been made for a licence to open, establish or operate a .....  
(pit or quarry)

on the lands described as follows:

.....  
(lot)

.....  
(concession)

.....  
(township)

.....  
(county or district, etc.)

consisting of ..... acres, more or less.  
(number)

The estimated amount of ..... to be extracted annually is ..... tons.  
(material) (number)

The operation will be a ..... operation with a ..... plant  
(permanent or intermittent) (portable or permanent)

installation.

The day fixed by the Minister of Natural Resources as the last day upon which written objections may be filed with him pursuant to subsection 1 of section 5 of the Act is ....., 1973.

.....  
(signature of applicant)

.....  
(title of signing officer if a  
corporation)

Dated this ..... day of ....., 19...

O. Reg. 47/73, s. 2.



## THE GAME AND FISH ACT

### O. Reg. 48/73.

Open Seasons—Deer, Moose and Black Bear.

Made—January 31st, 1973.

Filed—February 5th, 1973.

## REGULATION MADE UNDER THE GAME AND FISH ACT

### OPEN SEASONS—DEER, MOOSE AND BLACK BEAR

#### 1. In this Regulation,

- (a) "non-resident's licence to hunt deer" means a non-resident's licence to hunt deer, bear, fox, game birds, rabbits, raccoon, squirrel and wolf;
- (b) "non-resident's licence to hunt moose" means a non-resident's licence to hunt moose, deer, bear, fox, game birds, rabbits, raccoon, squirrel and wolf. O. Reg. 48/73, s. 1.

2. This Regulation is subject to Regulation 360 of Revised Regulations of Ontario, 1970 and does not apply to provincial parks other than that part of Algonquin Provincial Park situate in the geographic townships of Bruton and Clyde in the Provisional County of Haliburton. O. Reg. 48/73, s. 2.

#### Open Season for Deer

3. The holder of a resident's licence to hunt deer and bear or a farmer's licence to hunt deer and bear may hunt deer in the parts of Ontario described in,

- (a) schedules 1 and 2 from the 29th day of September, 1973 to the 15th day of December, 1973, both inclusive;
- (b) Schedule 3 from the 27th day of October, 1973 to the 15th day of December, 1973, both inclusive; and
- (c) Schedule 4 from the 5th day of November, 1973 to the 10th day of November, 1973, both inclusive. O. Reg. 48/73, s. 3.

4. The holder of a non-resident's licence to hunt deer or a non-resident's licence to hunt moose may hunt deer in the parts of Ontario described in,

- (a) Schedule 2 from the 29th day of September, 1973 to the 15th day of November, 1973, both inclusive; and
- (b) Schedule 3 from the 27th day of October, 1973 to the 15th day of November, 1973, both inclusive. O. Reg. 48/73, s. 4.

5. Subject to sections 6 and 7 the holder of a resident's licence to hunt deer and bear, a farmer's licence to hunt deer and bear, a non-resident's licence to hunt deer or a non-resident's licence to hunt moose may hunt deer in the parts of Ontario described in,

- (a) schedules 1, 2 and 3 from the 10th day of September, 1973 to the 28th day of September, 1973, both inclusive; and
- (b) Schedule 5 from the 15th day of October, 1973 to the 31st day of October, 1973, both inclusive. O. Reg. 48/73, s. 5.

6. Only bows and arrows may be used to hunt deer in the parts of Ontario described in,

- (a) schedules 1, 2 and 3 during the period mentioned in clause *a* of section 5; and
- (b) Schedule 5 during the period mentioned in clause *b* of section 5. O. Reg. 48/73, s. 6.

7.—(1) The parts of Ontario described in schedules 1, 2 and 3 are designated as parts in which no person shall use or be accompanied by a dog while hunting deer during the period mentioned in clause *a* of section 5.

(2) The parts of Ontario described in Schedule 5 are designated as parts in which no person shall use or be accompanied by a dog while hunting deer during the period mentioned in clause *b* of section 5. O. Reg. 48/73, s. 7.

#### Open Season for Moose

8. The holder of a resident's licence to hunt moose and bear may hunt moose in the parts of Ontario described in,

- (a) Schedule 6 from the 15th day of September, 1973 to the 15th day of December, 1973, both inclusive;
- (b) schedules 7 and 8 from the 22nd day of September, 1973 to the 15th day of December, 1973, both inclusive;
- (c) Schedule 9 from the 6th day of October, 1973 to the 15th day of December, 1973, both inclusive;
- (d) Schedule 10 from the 29th day of September, 1973 to the 15th day of December, 1973, both inclusive;
- (e) Schedule 11 from the 29th day of September, 1973 to the 31st day of October, 1973, both inclusive;
- (f) Schedule 12 from the 6th day of October, 1973 to the 20th day of October, 1973, both inclusive; and



- (g) Schedule 13 from the 6th day of October, 1973 to the 31st day of October, 1973, both inclusive. O. Reg. 48/73, s. 8.

9. The holder of a non-resident's licence to hunt moose may hunt moose in the parts of Ontario described in,

- (a) Schedule 6 from the 15th day of September, 1973 to the 15th day of November, 1973, both inclusive;
- (b) Schedule 7 from the 22nd day of September, 1973 to the 15th day of November, 1973, both inclusive;
- (c) Schedule 8 from the 29th day of September, 1973 to the 15th day of November, 1973, both inclusive;
- (d) Schedule 9 from the 6th day of October, 1973 to the 15th day of November, 1973, both inclusive;
- (e) Schedule 11 from the 6th day of October, 1973 to the 31st day of October, 1973, both inclusive; and
- (f) Schedule 12 from the 6th day of October, 1973 to the 20th day of October, 1973, both inclusive. O. Reg. 48/73, s. 9.

10. Subject to sections 11 and 12, the holder of a resident's licence to hunt moose and bear or a non-resident's licence to hunt moose may hunt moose in the parts of Ontario described in Schedule 14 from the 15th day of September, 1973 to the 23rd day of September, 1973, both inclusive. O. Reg. 48/73, s. 10.

11. Only bows and arrows may be used to hunt moose in the parts of Ontario described in Schedule 14 during the period mentioned in section 10. O. Reg. 48/73, s. 11.

12. The parts of Ontario described in Schedule 14 are designated as parts in which no person shall use or be accompanied by a dog while hunting moose during the period mentioned in section 10. O. Reg. 48/73, s. 12.

#### Open Season for Black Bear

13. Black bear may be hunted in any part of Ontario from the day on which this Regulation comes into force to the 30th day of June, 1973, both inclusive. O. Reg. 48/73, s. 13.

14. Ontario Regulation 49/71, as amended by Ontario Regulations 325/71, 348/71, 427/71, 488/71, 305/72, 314/72, 413/72, 461/72, 494/72 and 522/72, is revoked. O. Reg. 48/73, s. 14.

#### Schedule 1

Beginning at a point in the Interprovincial Boundary between Ontario and Manitoba where the same is intersected by a line drawn west astronomically from the water's edge on the most westerly extremity of Pakwash Lake; thence east astronomically 66 miles and 32 chains, more or less, to the water's edge on the most westerly extremity of Pakwash Lake; thence in a general easterly direction following the water's edge on the southerly shore of that Lake to the water's edge on the northeasterly shore of Chukuni River; thence in a general southeasterly direction following that water's edge to the intersection with a line drawn north astronomically from the water's edge on the easterly shore of the English River at its confluence with the Chukuni River; thence south astronomically to the water's edge on the easterly shore of the English River; thence in a general southeasterly direction following that water's edge and through Camping Lake to the confluence with the water's edge on the easterly shore of Cedar River; thence in a general southeasterly direction following the water's edge on the easterly shore of Cedar River and Wabaskang Lake to the easterly boundary of Wabaskang Indian Reserve No. 21; thence southerly along that boundary to the intersection with the 7th Base Line, surveyed by Phillips and Benner, Ontario Land Surveyors, in the year 1972; thence easterly along that base line 9 miles and 35.807 chains, more or less, to the intersection with the 6th Meridian Line, as surveyed by T. J. Patten, Ontario Land Surveyor, in the year 1919; thence southerly along that meridian line 24 miles, more or less, to the northwesterly corner of the geographic Township of Rowell; thence easterly along the northerly boundary of that geographic township to the northeasterly corner thereof; thence southerly along the easterly boundary of that geographic township and the geographic Township of Britton to the southeasterly corner of the last mentioned geographic township; thence easterly along the northerly boundaries of the geographic townships of Zealand, Brownridge and Laval to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundaries of the geographic townships of Laval and Hartman to the intersection with a line drawn west astronomically from the 69th Mile Post on the 5th Meridian Line as surveyed by A. Niven, Ontario Land Surveyor, in the year 1897; thence east astronomically to the said 69th Mile Post; thence southerly along the said Meridian Line and continuing southerly along the 5th Meridian Line as surveyed by A. Niven in the year 1893 to the southerly boundary of the Territorial District of Kenora; thence easterly along that boundary to the westerly boundary of the Territorial District of Thunder Bay; thence southerly along that District Boundary of Thunder Bay to a point in the International Boundary between Canada and the United States of America in Saganaga Lake; thence easterly, northeasterly and southeasterly along that international boundary to the inter-

section with the southerly production of the westerly boundary of geographic Township Tp. 33, Range 23; thence northerly along that line to a line drawn west astronomically from the intersection of the high-water mark along the southerly bank of the Michipicoten River with the water's edge of Lake Superior; thence east astronomically to that intersection; thence easterly along the high-water mark along the southerly bank of the Michipicoten River to the easterly limit of the right-of-way of the Algoma Central Hudson Bay Railway Company; thence southerly, westerly and southeasterly along that railway right-of-way to the southerly boundary of the geographic Township of Home; thence easterly along the southerly boundary of geographic townships Home, Tp. 26, Range 15; Tp. 25, Range 15 and Tp. 24, Range 15 to the southeasterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of geographic townships Tp. 24, Range 15; Tp. 24, Range 16; Tp. 24, Range 17; Tp. 24, Range 18; Tp. 24, Range 19; Tp. 24, Range 20; Tp. 24, Range 21, and Tp. 24, Range 22 to the northeasterly corner of the last-mentioned geographic township; thence westerly along the northerly boundary of the last-mentioned geographic township to the southeasterly corner of geographic Township Tp. 24, Range 23; thence northerly along the easterly boundary of geographic Townships Tp. 24, Range 23, Tp. 24, Range 24 and Tp. 43 to the southwesterly corner of geographic Township Tp. 44; thence easterly along the southerly boundary of that geographic township to the southeasterly corner thereof; thence northerly along the easterly limit of the geographic townships Tp. 44, and Stover to the southwesterly corner of the geographic Township of Leeson; thence north  $56^{\circ} 34' 01''$  east to the southerly boundary of the geographic Township of Conking; thence easterly along the southerly boundary of the last-mentioned geographic township to the southeasterly corner thereof; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Conking and Nebotik to the southeasterly corner of the geographic Township of Mildred; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Mildred, Martin, Carney, Mosambik, Nameigos and Strickland to the southeasterly corner of the geographic Township of Hambleton; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the last-mentioned geographic township to the southeasterly corner of the geographic Township of Matthews; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Matthews and Welsh to the southwesterly corner of the geographic Township of Drew, thence

northerly along the westerly boundary of the geographic townships of Drew, Foch, Flanders, Frances, Downer, Clavet, Boyce and Bicknell to the northwesterly corner of the last-mentioned geographic township; thence northerly along the northerly production of the westerly boundary of the geographic Township of Bicknell to the high-water mark along the northerly bank of the Albany River; thence in a northeasterly direction along that high-water mark to the high-water mark of James Bay; thence in a northwesterly direction following the high-water mark of James Bay and Hudson Bay to the Interprovincial Boundary between Ontario and Manitoba; thence in a southwesterly and southerly direction following that interprovincial boundary to the place of beginning. O. Reg. 48/73, Sched. 1.

### Schedule 2

Beginning at a point in the Interprovincial Boundary between Ontario and Manitoba, where the same is intersected by a line drawn west astronomically from the water's edge on the most westerly extremity of Pakwash Lake; thence east astronomically 66 miles and 32 chains, more or less, to the water's edge on the most westerly extremity of Pakwash Lake; thence in a general easterly direction following the water's edge on the southerly shore of that lake to the water's edge on the northeasterly shore of Chukuni River; thence in a general southeasterly direction following that water's edge to the intersection with a line drawn north astronomically from the water's edge on the easterly shore of the English River at its confluence with the Chukuni River; thence south astronomically to the water's edge on the easterly shore of the English River; thence in a general southeasterly direction following that water's edge and through Camping Lake to the confluence with the water's edge on the easterly shore of Cedar River; thence in a general southeasterly direction following the water's edge on the easterly shore of Cedar River and Wabaskang Lake to the easterly boundary of Wabaskang Indian Reserve No. 21; thence southerly along that boundary to the intersection with the 7th Base Line, surveyed by Phillips and Benner, Ontario Land Surveyors in the year 1927; thence easterly along that base line 9 miles and 35.807 chains, more or less, to the intersection with the 6th Meridian Line, as surveyed by T. J. Patten, Ontario Land Surveyor in the year 1919; thence southerly along that meridian line 24 miles, more or less, to the northwesterly corner of the geographic Township of Rowell; thence easterly along the northerly boundary of that geographic township to the northeasterly corner thereof; thence southerly along the easterly boundary of that geographic township and the geographic township of Britton to the southeasterly corner of the last-mentioned geographic township; thence easterly along the northerly boundaries of the geographic townships of Zealand, Brownridge and Laval to the northeasterly corner of the last-mentioned



geographic township; thence southerly along the easterly boundaries of the geographic townships of Laval and Hartman to the intersection with a line drawn west astronomically from the 69th Mile Post on the 5th Meridian Line as surveyed by A. Niven, Ontario Land Surveyor, in the year 1879; thence east astronomically to the said 69th Mile Post; thence southerly along the said meridian line and continuing southerly along the 5th Meridian Line as surveyed by A. Niven in the year 1893 to the southerly boundary of the Territorial District of Kenora; thence easterly along that boundary to the westerly boundary of the Territorial District of Thunder Bay; thence southerly along that District Boundary of Thunder Bay to a point in the International Boundary between Canada and the United States of America in Saganaga Lake; thence northwesterly along that International Boundary to the intersection with the northerly limit of the right-of-way of the Duluth, Winnipeg and Pacific Railway; thence northwesterly along that railway limit to the water's edge of Sand Bay of Rainy Lake; thence northwesterly, northerly, northeasterly and northerly along that water's edge to the most easterly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18B lying southeasterly of Island G945; thence northwesterly in a straight line across the mouth of Haymarsh Bay to the easterly extremity of a peninsula of land lying northwesterly of Island G937; thence northwesterly along the water's edge of that Indian Reserve to the most northerly extremity of that peninsula of land lying westerly of Island G1457; thence northeasterly in a straight line to the most southerly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18C lying immediately north of Island G1457; thence in a northerly, westerly, easterly, northwesterly and westerly direction following the water's edge along that Indian Reserve to the northerly limit of that Indian Reserve; thence westerly along the northerly limit of that Indian Reserve and its westerly production to the water's edge along the easterly boundary of Rainy Lake Indian Reserve No. 16D; thence northwesterly and westerly along the easterly and northerly boundaries of that Indian Reserve to the northwesterly corner thereof; thence southerly along the westerly boundary of that Indian Reserve to the northerly boundary of that geographic Township of Miscampbell; thence westerly along the northerly boundary of that geographic township to the southeasterly corner of the geographic Township of Dance; thence northerly along the easterly boundary of that geographic township to the water's edge along the southerly limit of Northwest Bay; thence northwesterly along that water's edge to the northerly boundary of the geographic Township of Dance; thence westerly along the northerly boundaries of the geographic townships of Dance and Kingsford to the southeasterly corner of the geographic Township of Potts; thence northerly along the easterly boundary of the geographic townships of Potts and Menary to the easterly production of the northerly limit of Concession III in the geographic Township of Dewart;

thence westerly along that production across the geographic townships of Menary and Rowe and the northerly limit of Concession III in that geographic Township of Dewart to the northwesterly corner of Lot 6 in Concession III in that geographic township; thence southerly along that westerly limit to the southerly limit of the right of way of Secondary Highway No. 600; thence westerly along that southerly limit to the intersection with the westerly limit of the right of way of Secondary Highway No. 619; thence northerly along that limit to the southerly boundary of the geographic Township of Morson; thence westerly along that boundary to the water's edge along the easterly shore of Lake of the Woods; thence southerly along that water's edge to the boundary between the territorial districts of Kenora and Rainy River; thence westerly along that boundary to the International Boundary between Canada and the United States of America; thence northwesterly and northerly along that boundary to the Interprovincial Boundary between Ontario and Manitoba; thence northerly along that boundary to the place of beginning. O. Reg. 48/73, Sched. 2.

### Schedule 3

Beginning at the intersection of the International Boundary between Canada and the United States of America with the boundary between the territorial districts of Kenora and Rainy River; thence easterly along the northerly boundary of the Territorial District of Rainy River 15 miles, more or less, to the intersection with the easterly shore of the Lake of the Woods; thence northeasterly along that easterly shore to the intersection with the southerly boundary of the geographic Township of Morson; thence easterly along the southerly boundary of that geographic township to the intersection with the westerly limit of the right of way of Secondary Highway No. 619; thence southerly along that westerly limit to the intersection with the southerly limit of the right of way of Secondary Highway No. 600; thence easterly along that southerly limit to the intersection with the westerly limit of Lot 6, in Concession II, in the geographic Township of Dewart; thence northerly along that westerly limit and the westerly limit of Lot 6 in Concession III, to the northerly limit of Concession III in the said geographic township; thence easterly along the northerly limit of that concession, and its easterly production across the geographic townships of Rowe and Menary to the easterly boundary of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic townships of Menary and Potts to the southeasterly corner of the last-mentioned geographic townships; thence easterly along the northerly boundary of the geographic townships of Kingsford and Dance to the intersection with the water's edge along the Northwest Bay of Rainy Lake; thence southeasterly along that water's edge to the northerly production of the easterly boundary of the geographic Township of Dance; thence southerly



along that production and that easterly boundary to the southeasterly corner of the last-mentioned geographic township; thence easterly along the northerly boundary of the geographic Township of Miscampbell to the intersection with the westerly boundary of Rainy Lake Indian Reserve No. 16D; thence northerly along that westerly boundary to the northwesterly corner thereof; thence easterly along the northerly boundary of that Indian Reserve to the water's edge along the westerly shore of Stanjikoming Bay; thence southeasterly along that water's edge to the westerly production of the northerly boundary of Rainy Lake Indian Reserve No. 18C; thence easterly along that production and that northerly boundary to the water's edge of Rainy Lake; thence southerly, northeasterly, southeasterly, easterly and southeasterly following that water's edge to the most southerly extremity of a peninsula of land lying immediately north of Island G1457; thence southwesterly in a straight line to the most northerly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18B lying northwesterly of Island G1457; thence southeasterly along the water's edge of Rainy Lake to the easterly extremity of a peninsula of land lying northwesterly of Island G937; thence southeasterly in a straight line across the mouth of Haymarsh Bay to the water's edge along the most easterly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18B, lying southeasterly of Island G945; thence southerly, southwestly and southerly along the water's edge of Rainy Lake and Sand Bay of Rainy Lake to the northerly limit of the right-of-way of the Duluth, Winnipeg and Pacific Railway; thence southeasterly along that railway limit to the International Boundary between Canada and the United States of America; thence in a southerly southwestly and northwesterly direction along that international boundary to the place of beginning. O. Reg. 48/73, Sched. 3.

#### Schedule 4

1. The territorial districts of Timiskaming and Manitoulin except the Island of Manitoulin.

2. The Territorial District of Sudbury except the geographic townships of Rennie, Stover and Tp. 44 and part of the geographic townships of Leeson and Baltic lying northerly of a line drawn north  $56^{\circ} 34' 01''$  east from the southwestly corner of the Geographic Township of Leeson.

3.—(1) That part of the Territorial District of Algoma lying southerly and westerly of a line described as follows:

Beginning at the southeasterly corner of geographic Township Tp. 24, Range 15; thence westerly along the southerly boundary of geographic townships Tp. 24, Range 15; Tp. 25, Range 15; Tp. 26, Range 15 and Home, to the easterly limit of the right-of-way of the Algoma Central and Hudson Bay Railway Company; thence northwesterly, east-

erly and northerly following that right-of-way to the intersection with the high water mark on the southerly bank of the Michipicoten River; thence in a westerly direction along that high-water mark to the confluence with the water's edge along the shore of Lake Superior.

(2) That part of the Territorial District of Algoma lying northerly, easterly and southerly of a line described as follows:

Beginning at the northwesterly corner of the geographic Township of Welsh; thence in an easterly direction along the northerly boundary of the geographic townships of Welsh and Matthews to the northwesterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Matthews to the northerly boundary of the geographic Township of Hambleton; thence easterly along that northerly boundary to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Hambleton to the northwesterly corner of the geographic Township of Strickland; thence easterly along the northerly boundary of the geographic townships of Strickland, Nameigos, Mosambik, Carney, Martin and Mildred to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Mildred to the northwesterly corner of the geographic Township of Nebotik; thence easterly along the northerly boundary of the geographic townships of Nebotik and Conking to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the last mentioned geographic township to the southeasterly corner thereof; thence westerly along the southerly boundary of the geographic Township of Conking 3 miles and 1584.0 feet; thence south  $56^{\circ} 34' 01''$  west to the southerly boundary of the geographic Township of Abigo.

4. That part of the Territorial District of Cochrane lying easterly of a line described as follows:

Beginning at the southwestly corner of the geographic Township of Clavet; thence northerly along the meridian line run by Ontario Land Surveyor Niven in 1908 and its northerly production to the intersection with the centre of the main channel of the Albany River.

5. That part of the Territorial District of Nipissing lying northwesterly of a line described as follows:

Beginning at the intersection of the high-water mark of Lake Nipissing with the westerly production of the centre line of that part of the King's Highway known as No. 17B; thence easterly along that production and that centre line to the centre line of that part of the King's Highway known as No. 17; thence northerly along that centre line to the centre line of that part of the King's Highway

known as No. 63; thence northeasterly along that centre line to the Interprovincial Boundary between Ontario and Quebec. O. Reg. 48/73, Sched. 4.

### Schedule 5

1. The islands in the Territorial District of Manitoulin except the geographic Township of Cockburn Island and Philip Edward Island.

2. In the Township of Oxford in the County of Grenville and described as follows:

Beginning at the southwesterly angle of Lot 27 in Concession I; thence northerly along the westerly limit of that lot to the intersection with the production westerly of the southerly limit of the travelled road along the southerly limit of a golf course occupying the northerly part of Lot 27 in Concession I; thence easterly along that production and the southerly limit of that travelled road to the easterly limit of said Lot 27; thence northerly along the easterly limit of that lot to the northerly limit of a plan registered in the Registry Office for the County of Grenville as No. 16 for the Township of Oxford; thence easterly along the northerly limit of that plan to the line between the east and west halves of Lot 28 in Concession I; thence northerly along that line to a point therein distant 166 feet measured southerly thereon from the high-water mark on the southerly shore of the Rideau River and Rideau Canal; thence easterly and perpendicular to the line between the east and west halves of Lot 28 a distance of 450 feet; thence northerly parallel to the line between the east and west halves of Lot 28 to the high-water mark on the southerly shore of the Rideau River and Rideau Canal; thence in a general easterly direction following that high-water mark to a point therein distant 300 feet measured easterly and perpendicular to the westerly limit of Lot 29 in Concession I; thence southerly and parallel to the westerly limit of Lot 29 a distance of 120 feet; thence easterly and perpendicular to the westerly limit of Lot 29 a distance of 120 feet; thence northerly and parallel to the westerly limit of Lot 29 a distance of 120 feet, more or less, to the high-water mark along the southerly shore of the Rideau River and Rideau Canal; thence in a general easterly direction to the intersection with a line drawn parallel to the line between the east and west halves of Lot 29 in Concession I; thence southerly along that parallel line to a point distant 150 feet measured westerly and perpendicular to the line between the east and west halves of Lot 29 from a point therein distant 150 feet measured southerly thereon from the high-water mark on the southerly shore of the Rideau River and Rideau Canal; thence easterly and perpendicular to the line between the east and west halves of Lot 29 a distance of 250 feet; thence northerly parallel to the line between the east and west halves of Lot 29 to the intersection with the high-water mark on the southerly shore of Rideau River and Rideau Canal; thence in a general easterly direction following that high-water mark to the confluence

with the high-water mark on the westerly shore of Kemptville Creek; thence in a general southerly direction following that high-water mark to the intersection with the southerly limit of Lot 28 in Concession II; thence westerly along the southerly limit of lots 28 and 27 to the southeasterly angle of Lot 26, in Concession II; thence northerly along the easterly limit of that lot 540 feet; thence westerly in a straight line to a point in the easterly limit of that part of the King's Highway known as No. 16 and which said point is distant 499 feet measured northerly along that limit from the southerly limit of Lot 26; thence northerly along the easterly limit of that highway to the line between concessions I and II; thence westerly along the line between concessions I and II to the place of beginning.

3. The Township of St. Edmunds in the County of Bruce. O. Reg. 48/73, Sched. 5.

### Schedule 6

Beginning at the intersection of the 11th Base Line with the Interprovincial Boundary between Ontario and Manitoba; thence easterly along the 11th Base Line to the water's edge along the westerly bank of the Wabassi River; thence in an easterly, southeasterly, northeasterly and easterly direction following that water's edge to the water's edge along the northerly bank of the Albany River; thence in a southeasterly direction following that water's edge to the intersection with the northerly production of the westerly boundary of the geographic Township of Bicknell in the Territorial District of Cochrane; thence in a northerly direction following that northerly production to the water's edge of Hudson Bay; thence in a northwesterly direction following that water's edge to the Interprovincial Boundary between Ontario and Manitoba; thence in a southwesterly direction following that Interprovincial Boundary to the place of beginning. O. Reg. 48/73, Sched. 6.

### Schedule 7

Beginning at the northeasterly corner of the geographic Township of Carss in the Territorial District of Cochrane; thence southerly along the easterly boundary of the geographic townships of Carss, Lewers, Ganong, Harewood, Maund, Agassiz, Ireland and Marven to the northeasterly limit of the right-of-way of the Ontario Northland Railway; thence in a southeasterly direction following that right-of-way limit to the southerly boundary of the geographic Township of Thorning; thence easterly along the southerly boundary of the geographic townships of Thorning, Potter, Sangster, Bragg, Newman, Tomlinson, Hurlbutise and St. Laurent to the Interprovincial Boundary between Ontario and Quebec; thence northerly along that interprovincial boundary to the water's edge of James Bay; thence in a northwesterly and westerly direction along that water's edge to the northerly production of the westerly boundary



of Bicknell Township; thence southerly along that production to the 7th Base Line; thence easterly along that base line to the place of beginning. O. Reg. 48/73, Sched. 7.

### Schedule 8

Beginning at the intersection of the 11th Base Line with the Interprovincial Boundary between Ontario and Manitoba; thence easterly along the 11th Base Line to the water's edge along the westerly bank of the Wabassi River; thence in an easterly, southeasterly, northeasterly and easterly direction following that water's edge to the water's edge along the northerly bank of the Albany River; thence in a southeasterly direction following that water's edge to the intersection with the northerly production of the westerly boundary of the geographic Township of Bicknell in the Territorial District of Cochrane; thence southerly along that northerly production and the westerly boundary of the geographic townships of Bicknell, Boyce and Clavet to the southwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the geographic townships of Downer, Frances, Flanders, Foch and Drew to the northwesterly corner of the geographic Township of Welsh in the Territorial District of Algoma; thence in an easterly direction along the northerly boundary of the geographic townships of Welsh and Matthews to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic township of Matthews to the northerly boundary of the geographic Township of Hambleton; thence easterly along that northerly boundary to the northeasterly corner of the last mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Hambleton to the northwesterly corner of the geographic Township of Strickland; thence easterly along the northerly boundary of the geographic townships of Strickland, Nameigos, Mosambik, Carney, Martin and Mildred to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Mildred to the northwesterly corner of the geographic Township of Nebotik; thence easterly along the northerly boundary of the geographic townships of Nebotik and Conking to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the last-mentioned geographic township to the southeasterly corner thereof; thence westerly along the southerly boundary of the geographic Township of Conking 3 miles and 1584.0 feet; thence south  $56^{\circ} 34' 01''$  west to the northeasterly corner of the geographic Township of Stover in the Territorial District of Sudbury; thence southerly along the easterly boundary of the geographic townships of Stover and Tp. 44 to the southeasterly corner of the last-mentioned geographic township; thence westerly along the southerly boundary of geographic Township Tp. 44

to the northeasterly corner of geographic Township Tp. 43; thence southerly along the easterly boundary of geographic townships Tp. 43, Tp. 24, Range 24, and Tp. 24, Range 23, to the northerly boundary of geographic Township Tp. 24, Range 22; thence easterly along that northerly boundary to the northeasterly corner of geographic Township Tp. 24, Range 22; thence southerly along the easterly boundary of geographic townships Tp. 24, Range 22, Tp. 24, Range 21, Tp. 24, Range 20, Tp. 24, Range 19, Tp. 24, Range 18, Tp. 24, Range 17, Tp. 24, Range 16 and Tp. 24, Range 15, to the southeasterly corner of the last-mentioned geographic township; thence westerly along the southerly boundary of geographic townships Tp. 24, Range 15, Tp. 25, Range 15, Tp. 26, Range 15 and Home, to the easterly limit of the right-of-way of the Algoma Central and Hudson Bay Railway Company; thence northwesterly, easterly and northerly following that right-of-way to the intersection with the high-water mark on the southerly bank of the Michipicoten River; thence in a westerly direction along that high-water mark to the confluence with the water's edge along the shore of Lake Superior; thence west astronomically to the southerly production of the westerly boundary of geographic Township Tp. 33, Range 23; thence northerly along that southerly production to the high-water mark of Lake Superior; thence in a northwesterly direction along that high-water mark to the easterly boundary of the geographic Township of Nipigon; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Nipigon, Hele and McMaster to the northwesterly corner of the last-mentioned geographic township; thence westerly along the base line run by Phillips and Benner, Ontario Land Surveyors, in 1918 to the line run by Phillips and Benner, Ontario Land Surveyors in 1921; thence southerly and westerly along that line to the southeasterly corner of the Grand Trunk Pacific Block No. 4; thence westerly along the southerly boundary of that Block and the southerly boundaries of the geographic townships of Langworthy, Upsala, Stedman, Colliver and Hanniwell in the Territorial District of Thunder Bay to the northeasterly corner of the Territorial District of Rainy River; thence westerly along the northerly boundary of that territorial district to the intersection with the 7th Meridian; thence northerly along the 7th Meridian in the Territorial District of Kenora to the intersection with the southerly boundary of the geographic Township of MacNicol; thence easterly along the southerly boundary of the geographic townships of MacNicol, Tustin and Bridges to the southwesterly corner of the geographic Township of Docker; thence in a northerly direction along the westerly boundary of the geographic townships of Docker and Smellie to the northwesterly corner of the last-mentioned geographic township; thence northerly along the northerly production of the westerly boundary of the geographic Township of Smellie to the inter-



section with the centre line of the right-of-way of the most northerly east-west line of the Canadian National Railways; thence westerly along that centre line to the intersection with the Interprovincial Boundary between Ontario and Manitoba; thence northerly along that boundary to the place of beginning. Saving and Excepting thereout and therefrom the islands in Lake Nipigon in the Territorial District of Thunder Bay. O. Reg. 48/73, Sched. 8.

### Schedule 9

Beginning at the northwesterly corner of the geographic Township of Bicknell in the Territorial District of Cochrane; thence southerly along the westerly boundary of the geographic townships of Bicknell, Boyce and Clavet to the southwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the geographic townships of Downer, Frances, Flanders, Foch and Drew to the northwesterly corner of the geographic Township of Welsh in the Territorial District of Algoma; thence in a easterly direction along the northerly boundary of the geographic townships of Welsh and Matthews to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Matthews to the northerly boundary of the geographic Township of Hambleton; thence easterly along that northerly boundary to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Hambleton to the northwesterly corner of the geographic Township of Strickland; thence easterly along the northerly boundary of the geographic townships of Strickland, Nameigos, Mosambik, Carney, Martin and Mildred to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Mildred to the northwesterly corner of the geographic Township of Nebotik; thence easterly along the northerly boundary of the geographic townships of Nebotik and Conking to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the last-mentioned geographic township to the southeasterly corner thereof; thence westerly along the southerly boundary of the geographic Township of Conking 3 miles and 1584.0 feet; thence south  $56^{\circ} 34' 01''$  west to the north-easterly corner of the geographic Township of Stover in the Territorial District of Sudbury; thence southerly along the easterly boundary of the geographic townships of Stover and Tp. 44 to the southeasterly corner of the last-mentioned geographic township; thence westerly along the southerly boundary of geographic Township Tp. 44 to the northeasterly corner of geographic Township Tp. 43; thence southerly along the easterly boundary of geographic townships Tp. 43, Tp. 24, Range 24, and Tp. 24, Range 23, to the northerly boundary of geographic Township Tp. 24, Range 22; thence

easterly along that northerly boundary to the northeasterly corner of geographic Township Tp. 24, Range 22; thence southerly along the easterly boundary of geographic townships Tp. 24, Range 22, Tp. 24, Range 21, Tp. 24, Range 20, Tp. 24, Range 19, Tp. 24, Range 18, Tp. 24, Range 17, Tp. 24, Range 16 and Tp. 24, Range 15 to the south-easterly corner of the last-mentioned geographic township; thence westerly along the southerly boundary of geographic townships Tp. 24, Range 15, Tp. 25, Range 15, Tp. 26, Range 15 and Home, to the easterly limit of the right-of-way of the Algoma Central and Hudson Bay Railway Company; thence southeasterly along that right-of-way to the southerly boundary of geographic township Tp. 24, Range 13; thence easterly along that southerly boundary to the westerly boundary of geographic Township Tp. 23, Range 12; thence northerly along that westerly boundary to the southwesterly corner of geographic Township Tp. 23, Range 13; thence easterly along the southerly boundary of geographic townships Tp. 23, Range 13, Tp. 22, Range 13, Tp. 6H, Tp. 6G, Tp. 6F, Tp. 6E, Tp. 6D, Tp. 6C, Tp. 6B and Tp. 6A to the southeasterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of geographic townships Tp. 6A and Tp. 7A to the northeasterly corner of the last-mentioned geographic township; thence easterly along the southerly boundary of geographic townships Tp. 8Z, Hubbard, Abney, Elizabeth, Margaret, Tp. 9, Chalet, Paudash, Brebeuf, Blewett, Beulah, Hodgetts, Unwin, Stull, McLeod and Ellis to the northwesterly corner of the geographic Township of Dundee; thence southerly along the westerly boundary of the geographic Township of Dundee to the northerly boundary of the geographic Township of Turner; thence westerly along that northerly boundary to the northwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the last-mentioned geographic township to the southwesterly corner thereof; thence easterly along the southerly boundary of the last-mentioned geographic township to the northwesterly corner of the geographic Township of Clary; thence southerly along the westerly boundary of the last-mentioned geographic township to the southwesterly corner thereof; thence easterly along the southerly boundary of the geographic townships of Clary, Armagh and Belfast to the southeasterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the geographic townships of Phyllis and Vogt to the southwesterly corner of the last-mentioned geographic township; thence easterly along the southerly boundary of the geographic townships of Vogt, Torington, Olive, Milne and Flett to the southeasterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of the geographic Township of Flett to the southwesterly corner of the geographic Township of Burnaby; thence easterly along the southerly boundary of the geographic Township of Burnaby and its easterly production to the Interprovincial Boundary between Ontario and



Quebec; thence in a northwesterly and northerly direction following that interprovincial boundary to the southeasterly corner of the geographic Township of St. Laurent; thence westerly along the southerly boundary of the geographic townships of St. Laurent, Hurtubise, Tomlinson, Newman, Bragg, Sangster, Potter and Thorning to the easterly limit of the right-of-way of the Ontario Northland Railway; thence northwesterly along that railway limit to the westerly boundary of the geographic Township of Thorning; thence northerly along the westerly boundary of the geographic Township of Thorning to the southeasterly corner of the geographic township of Ireland; thence northerly along the easterly boundary of the geographic townships of Ireland, Agassiz, McAlpine, Maund, Harewood, Ganong, Lewers and Carss to the 7th Base Line; thence westerly along that base line to the northerly production of the westerly boundary of the geographic Township of Bicknell; thence southerly along that production to the place of beginning. O. Reg. 48/73, Sched. 9.

### Schedule 10

Beginning at the northeasterly corner of the Territorial District of Rainy River; thence westerly along the northerly boundary of that territorial district to the intersection with the 7th Meridian; thence northerly along the 7th Meridian in the Territorial District of Kenora to the intersection with the southerly boundary of the geographic Township of MacNicol; thence easterly along the southerly boundaries of the geographic townships of MacNicol, Tustin and Bridges to the southwesterly corner of the geographic Township of Docker; thence in a northerly direction along the westerly boundaries of the geographic townships of Docker and Smellie to the northwesterly corner of the last-mentioned geographic township; thence northerly along the northerly production of the westerly boundary of the geographic Township of Smellie to the intersection with the centre line of the right-of-way of the most northerly east-west line of the Canadian National Railways; thence westerly along that centre line to the intersection with the boundary between Ontario and Manitoba; thence southerly along that boundary to the intersection with the International Boundary between Canada and the United States of America; thence southeasterly along that international boundary to the intersection with the boundary between the territorial districts of Kenora and Rainy River; thence easterly along the northerly boundary of the Territorial District of Rainy River 15 miles, more or less, to the intersection with the easterly shore of the Lake of the Woods; thence northeasterly along that easterly shore to the southerly boundary of the geographic Township of Morson; thence easterly along the southerly boundary of that geographic township to the intersection with the westerly limit of the right of way of Secondary Highway No. 619; thence southerly along that westerly limit to the intersection with the southerly limit of the right of way

of Secondary Highway No. 600; thence easterly along that southerly limit to the intersection with the westerly limit of Lot 6, in Concession II, in the geographic Township of Dewart; thence northerly along that westerly limit and the westerly limit of Lot 6 in Concession III, to the northerly limit of Concession III in the said geographic township; thence easterly along the northerly limit of that concession, and its easterly production across the geographic Townships of Rowe and Menary to the easterly boundary of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic townships of Menary and Potts to the southeasterly corner of the last-mentioned geographic township; thence easterly along the northerly boundary of the geographic townships of Kingsford and Dance to the intersection with the water's edge along the Northwest Bay of Rainy Lake; thence southeasterly along that water's edge to the northerly production of the easterly boundary of the geographic Township of Dance; thence southerly along that production and that easterly boundary to the southeasterly corner of the last-mentioned geographic township; thence easterly along the northerly boundary of the geographic Township of Miscampbell to the intersection with the westerly boundary of Rainy River Indian Reserve No. 16D; thence northerly along that westerly boundary to the northwesterly corner thereof; thence easterly along the northerly boundary of that Indian Reserve to the water's edge along the westerly shore of Stanjikoming Bay; thence southeasterly along that water's edge to the westerly production of the northerly boundary of Rainy Lake Indian Reserve No. 18C; thence easterly along that production and that northerly boundary to the water's edge of Rainy Lake; thence southerly, northeasterly, southeasterly, easterly, and southeasterly following that water's edge to the most southerly extremity of a peninsula of land lying immediately north of Island G1457; thence southwesterly in a straight line to the most northerly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18B lying immediately west of Island G1457; thence southeasterly along the water's edge of Rainy Lake to the easterly extremity of a peninsula of land lying northwesterly of Island G937; thence southeasterly in a straight line across the mouth of Haymarsh Bay to the water's edge along the most easterly extremity of a peninsula of land in Rainy Lake Indian Reserve No. 18B lying southerly of Island G945; thence southerly, southwesterly and southerly along the water's edge of Rainy Lake and Sand Bay of Rainy Lake to the northerly limit of the right-of-way of the Duluth, Winnipeg and Pacific Railway; thence southeasterly along that railway limit to the International Boundary between Canada and the United States of America; thence in a southeasterly direction along that international boundary to the southerly production of the westerly boundary of geographic Township Tp. 33, Range 33, in the Territorial District of Algoma; thence northerly along that southerly production to the high-water mark of Lake Superior; thence



in a northwesterly direction along that high-water mark to the easterly boundary of the geographic Township of Nipigon; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Nipigon, Hele and McMaster to the northwesterly corner of the last-mentioned geographic township; thence westerly along the base line run by Phillips and Benner, Ontario Land Surveyors, in 1918 to the line run by Phillips and Benner, Ontario Land Surveyors in 1921; thence southerly and westerly along that line to the southeasterly corner of the Grand Trunk Pacific Block No. 4; thence westerly along the southerly boundary of that Block and the southerly boundaries of the geographic townships of Langworthy, Upsala, Stedman, Colliver and Hanniwell in the Territorial District of Thunder Bay to the place of beginning. O. Reg. 48/73, Sched. 10.

#### Schedule 11

Beginning at the intersection of the centre line of that part of the King's Highway known as No. 17 with the centre line of that part of the King's Highway known as No. 553; thence northerly along the centre line of that part of the King's Highway known as No. 553 to the southerly boundary of geographic Township Tp. 125 in the Territorial District of Algoma; thence in an easterly direction along the southerly boundary of geographic township Tp. 125 to the southeasterly corner thereof; thence easterly along the southerly boundary of geographic townships Tp. 120, Acheson and Tp. 107 to the southwesterly corner of the geographic Township of Ermatinger; thence northerly along the westerly boundary of geographic townships Ermatinger, Hart and Moncrieff to the northwesterly corner of the last-mentioned geographic township; thence easterly along the southerly boundary of geographic townships Ulster, Munster and Leinster to the southwesterly corner of the geographic Township of Tyrone; thence northerly along the westerly boundary of geographic townships Tyrone and Botha to the northwesterly corner of the last-mentioned geographic township; thence easterly along the northerly boundary of geographic townships Botha, Roberts, Creelman, Fraleck, Telfer and McConnell to the northeasterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of the geographic Township of De Morest to the northeasterly corner thereof; thence easterly along the northerly boundary of that geographic township to the southeasterly corner of the geographic Township of Marconi; thence northerly along the easterly boundary of that geographic township to the southerly boundary of the geographic Township of Selkirk; thence easterly along the southerly boundary of that geographic township to the southeasterly corner thereof; thence northerly along the easterly boundary of the last-mentioned geographic township to the northeasterly corner thereof; thence westerly

along the northerly boundary of the geographic townships of Selkirk, Haentschel, Valin, Leask, Lampman, Marshay, Shelley, Baynes, Marquette, Tp. 7, Tp. 8, McPhail, Kelso, Cortez, Iris and Tp. 7Z to the northwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of geographic townships Tp. 7Z and Tp. Z to the northeasterly corner of geographic Township Tp. 5A; thence westerly along the northerly boundaries of geographic townships Tp. 5A, Tp. 5B, Tp. 5C, Tp. 5D, Tp. 5E, Tp. 5F, Tp. 5G, Tp. 5H, Tp. 22, Range XII and Tp. 23, Range XII to the northwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the last-mentioned geographic township to the southeasterly corner of geographic Township Tp. 24, Range XIII; thence westerly along the southerly boundary of geographic Township Tp. 24, Range XIII, to the easterly limit of the right-of-way of the Algoma Central and Hudson Bay Railway Company; thence northwesterly along that railway limit to the intersection with the high-water mark on the southerly bank of the Michipicoten River; thence in a westerly direction along that high-water mark to the confluence with the water's edge along the shore of Lake Superior; thence southeasterly following the water's edge of Lake Superior, St. Mary's River and the North Channel of Lake Huron to the southerly production of the westerly boundary of the geographic Township of Harrow in the Territorial District of Sudbury; thence northerly along that southerly production and the westerly boundary of that geographic township and the geographic Township of May to the centre line of that part of the King's Highway known as No. 17; thence westerly along that centre line to the place of beginning. O. Reg. 48/73, Sched. 11.

#### Schedule 12

Beginning at the intersection of the centre line of that part of the King's Highway known as No. 17 with the centre line of that part of the King's Highway known as No. 553; thence northerly along the centre line of that part of the King's Highway known as No. 553 to the southerly boundary of geographic Township Tp. 125 in the Territorial District of Algoma; thence in an easterly direction along the southerly boundary of geographic Township Tp. 125 to the southeasterly corner thereof; thence easterly along the southerly boundary of geographic townships Tp. 120, Acheson and Tp. 107 to the southwesterly corner of the geographic Township of Ermatinger; thence northerly along the westerly boundary of geographic townships Ermatinger, Hart and Moncrieff to the northwesterly corner of the last-mentioned geographic township; thence easterly along the southerly boundary of geographic townships Ulster, Munster and Leinster to the southwesterly corner of the geographic Township of Tyrone; thence northerly along the westerly boundary of geographic townships Tyrone and Botha to the northwesterly corner of the last-mentioned geographic



township; thence easterly along the northerly boundary of geographic townships Botha, Roberts, Creelman, Fraleck, Telfer and McConnell to the north-easterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of that geographic township to the northwesterly corner of the geographic Township of McCarthy; thence easterly along the north boundary of that geographic township to the northeasterly corner thereof; thence southerly along the easterly limit of the geographic townships of McCarthy, Kelly, Davis, Loughrin and Hagar to to the northerly limit of the right of way of that part of the King's Highway known as No. 17; thence southeasterly along that right of way to the easterly limit of the geographic Township of Springer in the Territorial District of Nipissing; thence southerly along that easterly boundary to the high-water mark of Lake Nipissing; thence in a westerly, south-easterly and westerly direction following the high-water mark of Lake Nipissing, the French River, Georgian Bay and the North Channel of Lake Huron to the westerly boundary of the geographic Township of Harrow in the Territorial District of Sudbury; thence northerly along the westerly boundary of the geographic townships of Harrow and May to the centre line of that part of the King's Highway known as No. 17; thence westerly along that centre line to the place of beginning. O. Reg. 48/73, Sched. 12.

Schedule 13

Beginning at a point in the Ottawa River at the intersection of the Interprovincial Boundary between Ontario and Quebec with the easterly production of the northerly boundary of the geographic Township of Parkman in the Territorial District of Nipissing; thence westerly along that easterly production and the northerly boundary of the geographic townships of Parkman and Angus to the northwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the geographic Township of Angus to the northerly boundary of the geographic Township of LaSalle; thence westerly along the northerly boundary of the geographic townships of LaSalle, Gooderham, Kenny, Sisk, McCallum and Hobbs to the northwesterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of the geographic townships of Clement and Scholes to the north-easterly corner of the last-mentioned geographic township; thence westerly along the northerly boundary of the last-mentioned geographic township to the northwesterly corner thereof; thence westerly along the northerly boundary of the geographic townships of Afton and Sheppard, in the Territorial District of Sudbury, to the northwesterly corner of the last-mentioned geographic township; thence southerly along the westerly boundary of the last-mentioned geographic township to the southwestly corner thereof; thence easterly along the southerly boundary of the last-mentioned geographic township to the southeasterly

corner thereof; thence southerly along the westerly boundary of the geographic townships of Macbeth, McNish, Janes, Henry and Ratter to the intersection with the northerly limit of the right of way of that part of the King's Highway known as No. 17; thence southeasterly along that right of way to the intersection with the westerly limit of that part of Secondary Highway known as No. 533; thence east astronomically to the intersection with the Interprovincial Boundary between Ontario and Quebec; thence in a northwesterly direction along that boundary to the place of beginning. O. Reg. 48/73, Sched. 13.

Schedule 14

The geographic Township of Delora in the Territorial District of Cochrane, the geographic townships of Adams, Barlett, Douglas, Eldorado, Geikie and McArthur in the Territorial District of Timiskaming and the geographic townships of English and Zavitz in the Territorial District of Sudbury. O. Reg. 48/73, Sched. 14.

(4789)

8

THE PLANNING ACT

O. Reg. 49/73.  
 Restricted Areas—County of Ontario,  
 Township of Pickering.  
 Made—January 31st, 1973.  
 Filed—February 5th, 1973.

ORDER MADE UNDER  
 THE PLANNING ACT

1. Ontario Regulation 102/72, as amended by Ontario Regulations 179/72, 294/72, 404/72, 488/72 and 2/73, is further amended by adding thereto the following sections:

20. Notwithstanding any other provisions of this Order, the lands described in Schedule 7 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

REQUIREMENTS FOR MAIN BUILDING

1. Maximum lot coverage	not to exceed 20 per cent
Minimum front yard	50 feet
Minimum side yard	10 feet on each side
Minimum rear yard	40 feet
Maximum height	not to exceed 35 feet
Minimum total floor area	2,000 square feet

## OBSTRUCTION OF YARDS

## 2. Except for,

- (i) main eaves, belt courses, chimney breasts, sills or cornices that do not extend more than two feet into any required yard;
- (ii) uncovered steps, or platforms not exceeding three feet in height above grade and not extending more than five feet into any required front or rear yard and not more than two feet into any side yard;
- (iii) awning, clothes poles, recreational equipment, garden trellises or similar accessories;
- (iv) fences in a side or rear yard;
- (v) hedges or ornamental fences not exceeding three feet six inches in height in a front yard; or
- (vi) accessory uses permitted by this Order,

no person shall obstruct or cause any obstruction in any front yard, side yard or rear yard required to be provided by this Order.

 REQUIREMENTS FOR ACCESSORY BUILDINGS  
AND STRUCTURES

- 3. All accessory buildings that are not part of the main building shall be erected in the rear yard and shall be not less than three feet from any lot line.
  - 4. Except for a private garage, the total lot coverage of any accessory building shall not exceed 5 per cent.
  - 5. No accessory building shall exceed a height of twelve feet.
  - 6. No accessory building shall be used for human habitation. O. Reg. 49/73, s. 1, *part*.
21. Notwithstanding any other provisions of this Order, the lands described in Schedule 8 may be used for the erection of an accessory building provided the following requirements are met:
- 1. All accessory buildings that are not part of the main building shall be not less than fifty feet from the front lot line and shall be not less than three feet from any other lot line.
  - 2. Except for a private garage, the total lot coverage of an accessory building shall not exceed 5 per cent.
  - 3. No accessory building shall exceed a height of twelve feet.

4. No accessory building shall be used for human habitation. O. Reg. 49/73, s. 1, *part*.

- 2. Ontario Regulation 102/72 is further amended by adding thereto the following schedules:

## Schedule 7

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Pickering in the County of Ontario and being composed of part of Lot 9, Concession VIII, in the said Township of Pickering, more particularly described as follows:

Premising that the northerly limit of the said Lot 9 has a bearing of north 72° 11' 30" east and relating all bearings used herein thereto;

Beginning at a point which may be located as follows:

Beginning at the northeast angle of said Lot 9;

Thence westerly along the northerly limit of said Lot 9, 552.48 feet to a point where the same is intersected by a fence, the said point being the northwesterly angle of the land formerly conveyed by William H. Pugh to Alberta Lillian Buckland and Albert William James Buckland by deed registered as number 24526 Pickering;

Thence south 12° 20' 20" east, along the said fence and also along the westerly boundary of the lands described in said instrument number 24526 Pickering, 10.05 feet to a point, which said point is the place of beginning of the lands hereinafter described;

Thence south 72° 11' 30" west, 432.45 feet to a point in a post and wire fence;

Thence south 12° 55' 20" east, along the line of a post and wire fence 444.82 feet to a point where an iron bar has been planted;

Thence south 74° 38' 10" west, 63.09 feet to a point where an iron bar has been planted;

Thence south 19° 16' 40" east, along the line of a rail fence, 194.93 feet to a point where an iron bar has been planted;

Thence south 17° 24' 30" east, along the line of a post and wire fence, 560.75 feet to a point where an iron bar has been planted;

Thence north 69° 28' 30" east, 551.15 feet to a point where an iron bar has been planted;

Thence north 0° 26' 40" west, 270.25 feet to a point where an iron stake has been planted, said point being the most southwesterly angle of the land formerly conveyed by William Hugh Pugh to Marjorie H. Lowndes by deed registered as number 70541 Pickering;



Thence north 10° 47' 10" west along the line of a fence and being also along the limit of the lands described in said instrument number 70541 Pickering, 387 feet to a point where an iron stake has been planted;

Thence south 72° 00' 50" west along the line of a fence and also along the limit of the land described in said instrument number 70541 Pickering, 201.25 feet to a point where an iron stake has been planted;

Thence north 9° 49' 10" west along the line of a fence and also along the limit of the land described in said instrument number 70541 Pickering, 100 feet to a point where an iron stake has been planted in the said fence line, said point being the most northwesterly angle of the land described in said instrument number 70541 Pickering and the southwesterly angle of the land described in said instrument number 24526 Pickering;

Thence north 12° 20' 20" west along the line of the said fence and being also along the westerly limit of the land described in said instrument number 24526 Pickering a distance of 431.54 feet, to the place of beginning.

Containing by admeasurement 14.73 acres more or less. O. Reg. 49/73, s. 2, *part*.

Schedule 8

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Pickering in the County of Ontario, and being composed of the southerly 357 feet of Lot 19, according to Plan 424 for the Township of Pickering. O. Reg. 49/73, s. 2, *part*.

G. M. FARROW  
*Director, Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 31st day of January, 1973.  
(4790) 8

THE PLANNING ACT

**O. Reg. 50/73.**  
Restricted Areas—Regional Municipality of York, Town of Whitchurch-Stouffville.  
Made—January 31st, 1973.  
Filed—February 5th, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72,

487/72 and 545/72, is further amended by adding thereto the following sections:

27. Notwithstanding any other provisions of this Order, the lands described in Schedule 18 may be used for agricultural purposes and buildings and structures accessory thereto, including one single-family dwelling used in connection with the agricultural operation, provided the following requirements are met:

REQUIREMENTS FOR MAIN DWELLING

Minimum lot coverage	462 feet
Minimum front yard	50 feet
Minimum rear yard	75 feet
Minimum side yard	30 feet
Maximum height	not to exceed 35 feet
Minimum floor area	1,100 square feet

REQUIREMENTS FOR ACCESSORY BUILDINGS  
AND STRUCTURES

1. No accessory building or structure shall be closer to the front lot line than the single-family dwelling on such lot.
2. No accessory building or structure shall be less than six feet from the main building.
3. No accessory building or structure shall be less than four feet from each of the side lot lines and the rear lot line.
4. The total lot coverage of any accessory building or structure shall not exceed 10 per cent.
5. No accessory building shall exceed a height of twelve feet.
6. No accessory building shall be used for human habitation. O. Reg. 50/73, s. 1, *part*.

28. Notwithstanding any other provisions of this Order, the lands described in schedules 19 and 20 may each be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	50 feet
Minimum rear yard	75 feet
Minimum side yard	30 feet



Minimum floor area	1,100 square feet
Maximum height	not to exceed 35 feet

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

1. No accessory building or structure shall be closer to the front lot line than the single-family dwelling on such lot.
2. No accessory building or structure shall be less than six feet from the main building.
3. No accessory building or structure shall be less than four feet from each of the side lot lines and the rear lot line.
4. The total lot coverage of any accessory building or structure shall not exceed 10 per cent.
5. No accessory building shall exceed a height of twelve feet.
6. No accessory building shall be used for human habitation. O. Reg. 50/73, s. 1, *part*.

29. Notwithstanding any other provisions of this Order, the lands described in Schedule 21 may be used for one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

#### REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	35 feet
Minimum rear yard	40 feet
Minimum side yard	12 feet
Minimum floor area	1,110 square feet
Maximum lot coverage	not to exceed 15 per cent
Maximum height	not to exceed 35 feet

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

1. No accessory building or structure shall be closer to the front lot line than the single-family dwelling on such lot.
2. No accessory building or structure shall be less than six feet from the main building.
3. No accessory building or structure shall be less than four feet from each of the side lot lines and the rear lot line.

4. The total lot coverage of any accessory building or structure shall not exceed 10 per cent.
5. No accessory building shall exceed a height of twelve feet.
6. No accessory building shall be used for human habitation. O. Reg. 50/73, s. 1, *part*.
2. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72, 487/72 and 545/72, is further amended by adding thereto the following schedules:

#### Schedule 18

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Markham in the County of York, and being composed of part of Lot 34 in Concession V, more particularly described as follows:

Premising that the easterly limit of said Lot 34 has a bearing of north 8° 39' 40" west and relating all bearings herein thereto;

Commencing at a point in the easterly limit of said Lot, distant 540 feet northerly therealong from the southeast angle of said Lot;

Thence south 74° 14' 20" west, a distance of 1451.50 feet;

Thence north 5° 25' 40" west, 52.63 feet;

Thence south 74° 14' 20" west, 535.53 feet to a fence running northerly;

Thence north 9° 31' 40" west along said fence, 719.88 feet to the northerly limit of said Lot;

Thence easterly along a fence marking the existing northerly limit of said Lot, the following courses:

North 73° 31' 10" east, 200.17 feet;

Thence north 73° 26' east, 586.92 feet;

Thence north 74° 00' east, a distance of 540.69 feet to a fence running southerly;

Thence south 9° 44' 20" east along said fence, a distance of 331.10 feet;

Thence north 73° 19' 50" east, 288.99 feet;

Thence north 73° 43' 30" east, 374.77 feet to the easterly limit of said Lot;

Thence south 8° 39' 40" east, along said easterly limit, 462.91 feet to the place of beginning and containing an area of 29.89 acres. O. Reg. 50/73, s. 2, *part*.

### Schedule 19

All and singular that certain parcel of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Markham in the County of York, containing by admeasurement three acres more or less and being composed of part of Lot 28 in Concession 1X, more particularly described as follows:

Beginning at a point on the westerly limit of said Lot 28, distant 142 feet measured northerly therealong from the southwest angle of said Lot 28;

Thence easterly parallel to the southerly limit of said Lot 28, 330 feet;

Thence northerly parallel to the westerly limit of said Lot 28, 400 feet;

Thence westerly parallel to the southerly limit of said Lot 28, 330 feet to the westerly limit of said Lot 28;

Thence southerly along the said westerly limit of said Lot 28, 400 feet to the place of beginning. O. Reg. 50/73, s. 2, *part*.

### Schedule 20

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Whitchurch in the County of York, and being composed of that part of the westerly half of Lot 25 in Concession VI of the said Town of Whitchurch-Stouffville designated as Part 1 according to plan deposited as No. 65R-679. O. Reg. 50/73, s. 2, *part*.

### Schedule 21

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Whitchurch in the County of York, and being composed of parts of the north and west quarter of Lot 20 in Concession VIII of the said Town of Whitchurch-Stouffville, more particularly described as follows:

Premising that the northerly limit of said Lot 20 has a bearing of north 74° 00' east and relating all bearings herein thereto;

Beginning at a point in the northerly limit of the said Lot 20 being also the southerly limit of the

road allowance between lots 20 and 21 in Concession VIII of the said Town at a point distant 1,235 feet  $\frac{3}{4}$  inch measured easterly from the northwest angle of the said Lot 20;

Thence south 17° 17' east, a distance of 27 feet to a point, being the place of beginning of the lands herein described;

Thence continuing south 17° 17' east, a distance of 615 feet to a point in the existing southerly limit of the north half of the said Lot 20;

Thence north 73° 58' east along the existing southerly limit of the north half of the said Lot 20, a distance of 75 feet to a point;

Thence north 17° 17' west, 615 feet to a point in a line drawn parallel to the existing southerly limit of the road allowance between lots 20 and 21 in Concession VIII of the said Township and 27 feet southerly therefrom;

Thence south 74° west along said parallel line a distance of 75 feet to the place of beginning. O. Reg. 50/73, s. 2, *part*.

G. M. FARROW  
*Director, Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 31st day of January, 1973.

(4791)

8

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

### O. Reg. 51/73.

Sittings of the General Sessions of the Peace and Sittings of the County Court for the District of Kenora.

Made—February 2nd, 1973.

Filed—February 6th, 1973.

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the District of Kenora.

### ORDER

IT IS ORDERED that a sittings of the court of General Sessions of the Peace and a sittings of the



District Court for the trial of issues of fact and assessment of damages with or without a jury for the District of Kenora shall be held, commencing on Monday, the 5th day of March, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the District Court of the District of Kenora, and in the office of the Clerk of the General Sessions of the Peace for the said District. O. Reg. 51/73, *Order*.

C. E. BENNETT  
*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 2nd day of February, 1973.

(4792)

8

### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

#### O. Reg. 52/73.

Sittings of the General Sessions of the Peace and Sittings of the County Court for the County of Peel.

Made—February 1st, 1973.

Filed—February 6th, 1973.

### THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of *The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Peel.

### ORDER

IT IS ORDERED that a sittings of the court of General Sessions of the Peace and a sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Peel shall be held, commencing on Monday, the 19th day of February, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk

of the County Court of the County of Peel, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 52/73, *Order*.

C. E. BENNETT  
*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in the Municipality of Metropolitan Toronto, this 1st day of February, 1973.

(4793)

8

### THE CORPORATIONS INFORMATION ACT, 1971

#### O. Reg. 53/73.

General.

Made—January 31st, 1973.

Filed—February 6th, 1973.

### REGULATION MADE UNDER THE CORPORATIONS INFORMATION ACT, 1971

1. Paragraph 1 of section 4 of Ontario Regulation 384/71 is revoked and the following substituted therefor:
1. Corporations to which section 138, 139, 140, 141 or 142 of *The Corporations Tax Act*, 1972 apply.

(4794)

8

### THE GIFT TAX ACT, 1972

#### O. Reg. 54/73.

General.

Made—January 31st, 1973.

Filed—February 6th, 1973.

### REGULATION MADE UNDER THE GIFT TAX ACT, 1972

### GENERAL

### INTERPRETATION

1. For the purpose of paragraph 6 of section 1 of the Act, each of the following provinces of Canada is a co-operating province:

British Columbia,  
Manitoba,  
New Brunswick,  
Newfoundland,  
Nova Scotia,  
Saskatchewan. O. Reg. 54/73, s. 1.



## VALUATION OF ANNUITIES

2.—(1) For the purpose of paragraph 27 of section 1 of the Act, the value in relation to any income, right, annuity, term of years, life or other similar estate or interest in expectancy shall be determined,

- (a) where the income, right, annuity, term of years, life or other similar estate or any interest in expectancy does not depend on a life contingency, on the basis of compound interest at the rate of five per cent per annum with annual rests; and
- (b) where the income, right, annuity, term of years, life or other similar estate or interest in expectancy depends on a life contingency, on the basis of compound interest at the rate of five per cent per annum with annual rests and the standard of mortality as set out in Table I.

(2) For the purpose of determining the value of any income, right, annuity, term of years, life or other similar estate or the value of any interest in expectancy, tables II, III and IV shall be used as far as may be applicable.

(3) For the purpose of subsection 1, the annual income from any property after making all deductions shall be deemed to be five per cent of the value of that property as determined for the purposes of the Act. O. Reg. 54/73, s. 2.

3. For the purpose of section 6 of the Act, the rate of interest prescribed is five per cent per annum. O. Reg. 54/73, s. 3.

## FILING RETURN OF INFORMATION

4. The return required by subsection 1 of section 18 of the Act shall be filed with the Minister by filing the same with his agent, The Government of Canada, at the offices of the Director-Taxation of The District Taxation Office, Toronto, Department of National Revenue, Taxation. O. Reg. 54/73, s. 4.

5. For the purpose of section 38 of the Act, the rate of interest prescribed as payable with respect to unpaid tax is at the rate of nine per cent per annum. O. Reg. 54/73, s. 5.

6. This Regulation shall be deemed to have come into force on the 1st day of January, 1972. O. Reg. 54/73, s. 6.

TABLE I

## PRESCRIBED STANDARD OF MORTALITY

Rate of Mortality			Rate of Mortality		
Age	Males	Females	Age	Males	Females
0	.0252537	.0200812	5	.0006656	.0005457
1	.0015933	.0013253	6	.0005976	.0004628
2	.0010539	.0008769	7	.0005442	.0003922
3	.0009050	.0006961	8	.0004903	.0003467
4	.0007630	.0006278	9	.0004596	.0003164

## Rate of Mortality

## Rate of Mortality

Age	Males	Females	Age	Males	Females
10	.0004560	.0003010	50	.0078345	.0042377
11	.0004613	.0002909	51	.0086832	.0046209
12	.0005124	.0003041	52	.0096000	.0050441
13	.0006142	.0003264	53	.0105642	.0054948
14	.0007621	.0003664	54	.0115756	.0059680
15	.0009336	.0004143	55	.0126654	.0064827
16	.0011064	.0004604	56	.0138649	.0070577
17	.0012580	.0004949	57	.0152053	.0077119
18	.0014001	.0005154	58	.0166860	.0084290
19	.0015476	.0005287	59	.0182860	.0091965
20	.0016831	.0005379	60	.0200065	.0100386
21	.0017893	.0005467	61	.0218485	.0109797
22	.0018490	.0005582	62	.0238129	.0120440
23	.0018427	.0005702	63	.0258746	.0131996
24	.0017820	.0005803	64	.0280327	.0144303
25	.0016960	.0005922	65	.0303253	.0157840
26	.0016135	.0006096	66	.0327903	.0173086
27	.0015635	.0006363	67	.0354657	.0190518
28	.0015428	.0006722	68	.0382564	.0209205
29	.0015320	.0007147	69	.0411370	.0228828
30	.0015361	.0007641	70	.0442503	.0250784
31	.0015599	.0008203	71	.0477388	.0276475
32	.0016085	.0008834	72	.0517451	.0307300
33	.0016790	.0009512	73	.0562534	.0342504
34	.0017679	.0010236	74	.0611686	.0381156
35	.0018798	.0011040	75	.0665144	.0424385
36	.0020189	.0011959	76	.0723146	.0473322
37	.0021894	.0013029	77	.0785927	.0529096
38	.0023883	.0014223	78	.0853331	.0590955
39	.0026127	.0015518	79	.0925198	.0658145
40	.0028673	.0016954	80	.1001766	.0731796
41	.0031568	.0018567	81	.1083272	.0813038
42	.0034860	.0020398	82	.1169952	.0903002
43	.0038424	.0022431	83	.1261649	.1000934
44	.0042228	.0024639	84	.1358204	.1106080
45	.0046460	.0027047	85	.1459855	.1219572
46	.0051307	.0029677	86	.1566838	.1342538
47	.0056957	.0032551	87	.1679390	.1476110
48	.0063409	.0035621	88	.1797354	.1619534
49	.0070538	.0038872	89	.1920570	.1772056
			90	.2049277	.1934806

O. Reg. 54/73, Table 1.

TABLE II

## PRESENT VALUE OF LIFE ANNUITY OR LIFE INTEREST

Value			Value		
Age	Males	Females	Age	Males	Females
0	18.48427	18.87406	5	18.77030	19.13449
1	18.91125	19.22386	6	18.72202	19.10212
2	18.88864	19.21186	7	18.66988	19.06669
3	18.85388	19.19020	8	18.61410	19.02782
4	18.81451	19.16373	9	18.55429	18.98618

Value			Value		
Age	Males	Females	Age	Males	Females
10	18.49107	18.94184	50	12.77307	14.24844
11	18.42445	18.89485	51	12.51751	14.02458
12	18.35448	18.84529	52	12.25856	13.79426
13	18.28217	18.79366	53	11.99629	13.55733
14	18.20800	18.73983	54	11.73064	13.31379
15	18.13306	18.68390	55	11.46140	13.06344
16	18.05749	18.62636	56	11.18879	12.80610
17	17.98142	18.56653	57	10.91348	12.54197
18	17.90424	18.50449	58	10.63603	12.27141
19	17.82587	18.43992	59	10.35736	11.99462
20	17.74605	18.37209	60	10.07776	11.71118
21	17.66488	18.30104	61	9.79771	11.42152
22	17.58130.	18.22659	62	9.51737	11.12563
23	17.49462	18.14859	63	9.23697	10.82431
24	17.40330	18.06704	64	8.95641	10.51768
25	17.30595	17.98136	65	8.67552	10.20516
26	17.20208	17.89156	66	8.39418	9.88735
27	17.09154	17.79760	67	8.11264	9.56459
28	16.97419	17.69948	68	7.83154	9.23775
29	16.85045	17.59677	69	7.55017	8.90697
30	16.71999	17.48982	70	7.26780	8.57138
31	16.58303	17.37841	71	6.98458	8.23143
32	16.43940	17.26230	72	6.70136	7.88867
33	16.28914	17.14142	73	6.42052	7.54577
34	16.13244	17.01572	74	6.14326	7.20410
35	15.96912	16.88473	75	5.87084	6.86399
36	15.79900	16.74856	76	5.60347	6.52661
37	15.62260	16.60709	77	5.34236	6.19339
38	15.43973	16.46022	78	5.08796	5.86636
39	15.25052	16.30783	79	4.84073	5.54653
40	15.05493	16.14978	80	4.60089	5.23424
41	14.85326	15.98611	81	4.36883	4.92992
42	14.64528	15.81666	82	4.14460	4.63443
43	14.43125	15.64145	83	3.92848	4.34924
44	14.21125	15.46047	84	3.72044	4.07455
45	13.98518	15.27355	85	3.52025	3.81036
46	13.75293	15.08065	86	3.32832	3.55660
47	13.51502	14.88190	87	3.14389	3.31352
48	13.27212	14.67708	88	2.96738	3.08179
49	13.02458	14.46596	89	2.79874	2.86116
			90	2.63728	2.65127

FREQUENCY FACTOR

AMOUNT TO BE ADDED TO VALUE SHOWN		
Annuity Payable	Payments at end of each period	Payments at beginning of each period
Annually	nil	1.0
Semi-Annually	.25	.75
Quarterly	.375	.625
Monthly	.45833	.54167

O. Reg. 54/73, Table 2.

TABLE III			
PRESENT VALUE OF ANNUITY FOR A TERM CERTAIN			
Term (Years)	Value	Term (Years)	Value
1	.95238	46	17.88007
2	1.85941	47	17.98102
3	2.72325	48	18.07716
4	3.54595	49	18.16872
5	4.32948	50	18.25593
6	5.07569	51	18.33898
7	5.78637	52	18.41807
8	6.46321	53	18.49340
9	7.10782	54	18.56515
10	7.72173	55	18.63347
11	8.30641	56	18.69854
12	8.86325	57	18.76052
13	9.39357	58	18.81954
14	9.89864	59	18.87575
15	10.37966	60	18.92929
16	10.83777	61	18.98028
17	11.27407	62	19.02883
18	11.68959	63	19.07508
19	12.08532	64	19.11912
20	12.46221	65	19.16107
21	12.82115	66	19.20102
22	13.16300	67	19.23907
23	13.48857	68	19.27530
24	13.79864	69	19.30981
25	14.09394	70	19.34268
26	14.37519	71	19.37398
27	14.64303	72	19.40379
28	14.89813	73	19.43218
29	15.14107	74	19.45922
30	15.37245	75	19.48497
31	15.59281	76	19.50950
32	15.80268	77	19.53285
33	16.00255	78	19.55510
34	16.19290	79	19.57628
35	16.37419	80	19.59646
36	16.54685	81	19.61568
37	16.71129	82	19.63398
38	16.86789	83	19.65141
39	17.01704	84	19.66801
40	17.15909	85	19.68382
41	17.29437	86	19.69887
42	17.42321	87	19.71321
43	17.54591	88	19.72687
44	17.66277	89	19.73987
45	17.77407	90	19.75226



FREQUENCY FACTOR		
VALUE IN TABLE SHOULD BE MULTIPLIED BY		
Annuity Payable	Payments at end of each period	Payments at beginning of each period
Annually	nil	1.05
Semi-Annually	1.012348	1.037348
Quarterly	1.018559	1.031059
Monthly	1.022715	1.026881

O. Reg. 54/73, Table 3.

TABLE IV			
PRESENT VALUE OF DEFERRED GIFTS			
No. of Years	Present Value	No. of Years	Present Value
1	.95238	46	.10600
2	.90703	47	.10095
3	.86384	48	.09614
4	.82270	49	.09156
5	.78353	50	.08720
6	.74622	51	.08305
7	.71068	52	.07910
8	.67684	53	.07533
9	.64461	54	.07174
10	.61391	55	.06833
11	.58468	56	.06507
12	.55684	57	.06197
13	.53032	58	.05902
14	.50507	59	.05621
15	.48102	60	.05354
16	.45811	61	.05099
17	.43630	62	.04856
18	.41552	63	.04625
19	.39573	64	.04404
20	.37689	65	.04195
21	.35894	66	.03995
22	.34185	67	.03805
23	.32557	68	.03623
24	.31007	69	.03451
25	.29530	70	.03287
26	.28124	71	.03130
27	.26785	72	.02981
28	.25509	73	.02839
29	.24295	74	.02704
30	.23138	75	.02575
31	.22036	76	.02453
32	.20987	77	.02336
33	.19987	78	.02245
34	.19035	79	.02119
35	.18129	80	.02018

No. of Years	Present Value	No. of Years	Present Value
36	.17266	81	.01922
37	.16444	82	.01830
38	.15661	83	.01743
39	.14915	84	.01660
40	.14205	85	.01581
41	.13528	86	.01506
42	.12884	87	.01434
43	.12270	88	.01366
44	.11686	89	.01301
45	.11130	90	.01239

O. Reg. 54/73, Table 4.  
(4798) 8

**THE PLANNING ACT**

**O. Reg. 55/73.**  
 Restricted Area—County of Oxford,  
 Township of Blandford.  
 Made—February 9th, 1973.  
 Filed—February 9th, 1973.

**ORDER MADE UNDER  
THE PLANNING ACT**

1. Section 5 of Ontario Regulation 33/73 is amended by striking out "and" at the end of clause *c*, inserting "and" at the end of clause *d* and adding thereto the following clause:

(e) a gas company holding a franchise from the Township of Blandford.

G. M. FARROW  
*Director,  
 Plans Administration Branch  
 Ministry of Treasury, Economics  
 and Intergovernmental Affairs*

Dated at Toronto, this 9th day of February, 1973.

(4815) 8

**THE HIGHWAY TRAFFIC ACT**

**O. Reg. 56/73.**  
 Construction Zones.  
 Made—February 2nd, 1973.  
 Filed—February 9th, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Schedule 2 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:



42. That part of the King's Highway known as No. 2 in the Township of Darlington in the County of Durham commencing at a point situate at its intersection with the line between lots 16 and 17 in Concession 1 and extending westerly therealong for a distance of 0.5 mile more or less. (Contract No. 72-82) (D-7).

2. Schedule 24 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

28. That part of the King's Highway known as No. 401 in the Township of Front of Leeds and Lansdowne in the County of Leeds lying between a point situate at its intersection with the line between lots 23 and 24 in Concession 1 and a point situate at its intersection with the line between lots 9 and 10 in the said Concession 1. (D-8).

3. Schedule 88 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 548 in the Township of Tarbutt Additional in the Territorial District of Algoma commencing at a point situate 1.0 mile measured southerly from its intersection with the King's Highway known as No. 17 and extending southerly therealong for a distance of 0.72 mile more or less.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 2nd day of February, 1973.

(4816)

8

## THE HIGHWAY TRAFFIC ACT

### O. Reg. 57/73.

Construction Zones.

Made—February 2nd, 1973.

Filed—February 9th, 1973.

## REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1.—(1) Paragraphs 7, 8, 11, 12 and 17 of Schedule 1 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.

(2) Paragraph 23 of the said Schedule 1, as made by section 1 of Ontario Regulation 216/71, is revoked.

2.—(1) Paragraph 2 of Schedule 4 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.

(2) Paragraph 3 of the said Schedule 4, as made by section 2 of Ontario Regulation 216/71, is revoked.

3. Paragraph 3 of Schedule 12 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 3 of Ontario Regulation 216/71, is revoked.

4. Paragraphs 3 and 4 of Schedule 17 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 3 of Ontario Regulation 40/71, are revoked.

5. Paragraph 2 of Schedule 21 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.

6.—(1) Paragraphs 10 and 11 of Schedule 24 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.

(2) Paragraph 17 of the said Schedule 24, as made by section 6 of Ontario Regulation 216/71, is revoked.

7. Paragraph 1 of Schedule 30 to Regulation 411 of Revised Regulations of Ontario, 1970, as remade by section 4 of Ontario Regulation 395/72, is revoked.

8. Paragraphs 5, 7, 8 and 10 of Schedule 39 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.

9. Paragraphs 3 and 6 of Schedule 40 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.

10. Paragraphs 1 and 8 of Schedule 41 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 6 in the County of Wellington lying between a point situate at its intersection with the southerly limit of the Town of Mount Forest and a point situate at its intersection with the centre line of the road allowance between lots 16 and 17 in Concession East of Owen Sound Road in the Township of Arthur. (W.P. 847-66-00) (D-3).

. . . . .

8. That part of the King's Highway known as No. 6 lying between a point situate at its intersection with the northerly limit of the Town of Mount Forest in the County of Wellington and a point situate at its intersection with the line between lots 9 and 10 in Concession 1 West of Owen Sound Road in the Township of Normanby in the County of Grey.

- 11.—(1) Paragraphs 7, 12 and 16 of Schedule 42 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- (2) Paragraph 26 of the said Schedule 42, as made by section 11 of Ontario Regulation 216/71, is revoked.
- 12.—(1) Paragraphs 8, 9, 11, 12, 13, 14, 15, 17 and 32 of Schedule 44 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- (2) Paragraph 42 of the said Schedule 44, as made by section 5 of Ontario Regulation 40/71, is revoked.
- (3) Paragraph 45 of the said Schedule 44, as made by section 12 of Ontario Regulation 216/71, is revoked.
- (4) Paragraph 47 of the said Schedule 44, as made by section 2 of Ontario Regulation 257/71, is revoked.
- 13.—(1) Paragraphs 16, 17, 21, 36, 38, 39, 44, 45, 47 and 48 of Schedule 47 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- (2) Paragraph 53 of the said Schedule 47, as made by section 7 of Ontario Regulation 40/71, is revoked.
14. Paragraphs 1, 2, 3 and 5 of Schedule 48 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- 15.—(1) Paragraph 4 of Schedule 51 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Paragraph 9 of the said Schedule 51, as made by section 14 of Ontario Regulation 216/71, is revoked.
- 16.—(1) Paragraph 4 of Schedule 54 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Paragraphs 7 and 8 of the said Schedule 54, as made by section 16 of Ontario Regulation 216/71, are revoked.
17. Paragraph 2 of Schedule 55 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
18. Paragraph 2 of Schedule 56 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
19. Paragraphs 3 and 4 of Schedule 58 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 18 of Ontario Regulation 216/71, are revoked.
20. Paragraphs 3 and 4 of Schedule 61 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- 21.—(1) Paragraph 1 of Schedule 65 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Paragraph 2 of the said Schedule 65, as made by section 12 of Ontario Regulation 151/71, is revoked.
- 22.—(1) Paragraphs 4 and 5 of Schedule 67 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- (2) Paragraph 9 of the said Schedule 67, as made by section 11 of Ontario Regulation 395/72, is revoked.
- 23.—(1) Paragraph 4 of Schedule 73 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 12 of Ontario Regulation 40/71, is revoked.
- (2) Paragraph 5 of the said Schedule 73, as made by section 22 of Ontario Regulation 216/71, is revoked.
24. Paragraph 2 of Schedule 82 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
- 25.—(1) Paragraph 2 of Schedule 92 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 24 of Ontario Regulation 216/71, is revoked and the following substituted therefor:
2. That part of the King's Highway known as No. 560 in the Territorial District of Timiskaming lying between a point situate at its intersection with the line between the townships of Mickle and Chown and a point situate at its intersection with the line between the townships of Chown and Haultain. (W.P. 1566-70) (D-14).
- (2) Paragraph 3 of the said Schedule 92, as made by section 16 of Ontario Regulation 395/72, is revoked and the following substituted therefor:
3. That part of the King's Highway known as No. 560 in the Territorial District of Sudbury lying between a point situate at its intersection with the line between the townships of Vrooman and Westbrook and a point situate at its intersection with the King's Highway known as No. 144 in the Township of Jack. (W.P. 72-32705) (D-14).
26. Paragraphs 2 and 3 of Schedule 98 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
27. Paragraph 1 of Schedule 99 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.



28. Paragraph 2 of Schedule 101 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 25 of Ontario Regulation 216/71, is revoked.
29. Paragraph 3 of Schedule 106 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
30. Paragraph 4 of Schedule 109 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 16 of Ontario Regulation 151/71, is revoked and the following substituted therefor:
4. That part of the King's Highway known as No. 89 in the County of Wellington lying between a point situate at its intersection with the easterly limit of the Town of Mount Forest and a point situate at its intersection with the road allowance between concessions 2 and 3 in the Township of Arthur. (W.P. 847-66-00)
31. Paragraph 7 of Schedule 112 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 18 of Ontario Regulation 151/71, is revoked.
32. Paragraph 1 of Schedule 114 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
33. Paragraph 1 of Schedule 115 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
34. Paragraphs 3 and 4 of Schedule 116 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 29 of Ontario Regulation 216/71, are revoked.
- 35.—(1) Paragraph 4 of Schedule 117 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Paragraph 7 of the said Schedule 117, as made by section 30 of Ontario Regulation 216/71, is revoked.
36. Paragraph 1 of Schedule 120 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
37. Paragraph 1 of Schedule 130 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
38. Paragraph 1 of Schedule 131 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
39. Paragraph 1 of Schedule 148 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
40. Paragraph 2 of Schedule 150 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
41. Paragraph 3 of Schedule 157 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
42. Paragraph 1 of Schedule 159 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
43. Paragraph 1 of Schedule 166 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
44. Paragraph 3 of Schedule 167 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 34 of Ontario Regulation 216/71, is revoked.
45. Paragraph 1 of Schedule 169 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
46. Paragraph 1 of Schedule 171 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
47. Paragraphs 2 and 3 of Schedule 172 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- 48.—(1) Paragraphs 1, 2 and 3 of Schedule 177 to Regulation 411 of Revised Regulations of Ontario, 1970 are revoked.
- (2) Paragraphs 4 and 5 of the said Schedule 177, as made by section 36 of Ontario Regulation 216/71, are revoked.
49. Paragraph 1 of Schedule 178 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
50. Paragraph 1 of Schedule 183 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.
51. Paragraph 1 of Schedule 184 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 2nd day of February, 1973.

(4817)

8





# Publications Under The Regulations Act

March 3rd, 1973

## THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

O. Reg. 58/73.

Order of the Minister.

Made—February 8th, 1973.

Filed—February 13th, 1973.

### REGULATION MADE UNDER THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

IN THE MATTER OF the establishment of a public library board in the area municipality of the Town of Rayside-Balfour.

#### ORDER OF THE MINISTER

Under the provisions of subsection 2 of section 133 of *The Regional Municipality of Sudbury Act, 1972*, IT IS ORDERED:

1. A public library board shall be established for the area municipality of the Town of Rayside-Balfour and shall be known as The Rayside-Balfour Public Library Board. O. Reg. 58/73, s. 1.

2. The Rayside-Balfour Public Library Board shall assume all the assets and liabilities of The Balfour Township Public Library Board. O. Reg. 58/73, s. 2.

J. H. WHITE  
*Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs*

Dated at Toronto, this 8th day of February, 1973.

(4837)

9

## THE PROFESSIONAL ENGINEERS ACT

O. Reg. 59/73.

Designation of Specialists.

Made—October 27th, 1972.

Approved—February 7th, 1973.

Filed—February 13th, 1973.

### REGULATION MADE UNDER THE PROFESSIONAL ENGINEERS ACT

#### DESIGNATION OF SPECIALISTS

1.—(1) Any applicant for specialist designation who,

(a) is a member;

(b) is currently engaged in the practice of professional engineering or is teaching at a level and at an institution that are satisfactory to the council, a course in any branch of engineering or science, the practice of which constitutes professional engineering and that is recognized by the council or is otherwise engaged at such an institution in an office or position satisfactory to the council, in the Province of Ontario;

(c) has had five or more years of experience beyond membership requirements satisfactory to the council in the field of engineering in respect of which designation as a specialist is being sought; and

(d) has passed the examinations prescribed by the council or has been exempted therefrom, pursuant to subsection 2,

shall be designated by the council as a specialist in that field of engineering.

(2) The council may exempt an applicant from any of the examinations mentioned in clause d of subsection 1 if the council is of the opinion that the applicant has adequate experience, technical competence, academic qualifications and other qualifications.

(3) The council shall forthwith after reaching a decision mail to an applicant, postage prepaid, addressed to his last address appearing on the register, written notice that he has or has not been designated a specialist, as the case may be, as applied for, and where a member has been designated a specialist, the council shall specify the title, term or designation by which such specialist may indicate his specialization in a field of engineering. O. Reg. 59/73, s. 1.

2. An application may be for specialist designation in one or more fields of engineering or for more than one specialist designation within any field of engineering. O. Reg. 59/73, s. 2.

3. The council may appoint a board of specialization to make recommendations to the council with respect to all matters relating to applications for specialist designation and for requalification for specialist designation, as provided for in section 5, and, without limiting the generality of the foregoing,

(a) respecting the standards to be applied;

(b) respecting procedures for, and the make-up of, examinations;

(c) respecting the qualifications of applicants; and

(d) respecting exemption of applicants from examinations. O. Reg. 59/73, s. 3.

4. An applicant shall appear personally before the council or, if a board of specialization has been appointed, the board of specialization, when so requested. O. Reg. 59/73, s. 4.

5. Designation as a specialist shall, unless earlier revoked pursuant to section 9, be valid for a period of five years, at which time application for requalification may be made. O. Reg. 59/73, s. 5.

6. Section 1 shall apply *mutatis mutandis* to any application for requalification as a specialist. O. Reg. 59/73, s. 6.

7.—(1) Any applicant whom the council has refused to designate as a specialist may, within thirty days from the date upon which he receives written notice of such refusal under subsection 3 of section 1, request the council to reconsider his application, and upon receipt of such request the council shall reconsider the application, taking into account such additional evidence, if any, as is submitted by the applicant.

(2) An applicant shall be deemed to have received such written notification on the second business day after it has been mailed to him, postage prepaid, addressed to his last address appearing on the register.

(3) Upon any hearing conducted under this section, the council may make findings of fact by such standards of proof as are commonly relied upon by reasonable and prudent men in the conduct of their own affairs.

(4) The council shall forthwith after reaching a decision on any application for reconsideration mail to the applicant, postage prepaid, addressed to his last address appearing on the register, written notice either confirming the prior refusal of specialist designation or advising that such applicant has been designated a specialist, as the case may be, and, in the latter event, specifying the title, term or designation by which such applicant may indicate his specialization. O. Reg. 59/73, s. 7.

8. Only a member who has been designated as such by the council may take and use the term, title or designation denoting his qualification as a specialist in a field of engineering; use of any term, title or designation that will lead to the belief that he has been designated as a specialist by a member not so designated will constitute improper conduct in a professional respect under the definition of "professional misconduct" in the regulations. O. Reg. 59/73, s. 8.

9. Designation as a specialist may be revoked if the specialist has been found guilty of professional

misconduct under section 25 of the Act. O. Reg. 59/73, s. 9.

10. The council may, from time to time, establish fees with respect to the designation of specialists. O. Reg. 59/73, s. 10.

11. The council shall cause to be published annually listings of members designated as specialists. O. Reg. 59/73, s. 11.

12. Where the council has notified an applicant under subsection 3 of section 1 or under subsection 4 of section 7 that he has not been designated a specialist as applied for, such applicant shall not be entitled to re-apply for such specialist designation for a period of twelve months from the date of such notification. O. Reg. 59/73, s. 12.

13. There shall be the following classes of specialists in the various fields of engineering:

FIELDS OF ENGINEERING	CLASSES OF SPECIALISTS
Civil	Structures Transportation Environmental Geotechnics Hydraulics Other Civil Engineering specialist classes
Mechanical	Mechanics Industrial Production Power Heating and Air Conditioning Other Mechanical Engineering specialist classes
Aerospace	Structures Aerodynamics Propulsion Other Aerospace Engineering specialist classes
Electrical	Power Electronics Communications and Control Other Electrical Engineering specialist classes
Chemical	Processes Production Control Other Chemical Engineering specialist classes
Metallurgical	Mineral Processing and Extraction Materials Other Metallurgical Engineering specialist classes



Mining	Methods and Systems Processing Other Mining Engineering specialist classes
Geological	Exploration Development Other Geological Engineering specialist classes
Agricultural and Biological	Food Production Food Processing Forestry Other Agricultural and Biological Engineering specialist classes.

O. Reg. 59/73, s. 13.

COUNCIL OF THE ASSOCIATION OF  
PROFESSIONAL ENGINEERS OF THE  
PROVINCE OF ONTARIO:

W. L. BRADLEY  
*President*

L. C. SENTANCE  
*Secretary*

Dated at Toronto, this 27th day of October, 1972.

(4838)

9

## THE PROFESSIONAL ENGINEERS ACT

### O. Reg. 60/73.

Consulting Engineers.

Made—October 27th, 1972.

Approved—February 7th, 1973.

Filed—February 13th, 1973.

### REGULATION MADE UNDER THE PROFESSIONAL ENGINEERS ACT CONSULTING ENGINEERS

1.—(1) Any applicant for designation as a consulting engineer who,

- (a) is a member;
- (b) is currently engaged in the practice of professional engineering in the Province of Ontario;
- (c) has had five or more years of experience in the practice of professional engineering, beyond membership requirements, satisfactory to the council; and
- (d) has passed the examinations prescribed by the council or has been exempted therefrom, pursuant to subsection 2,

shall be designated by the council as a consulting engineer.

(2) The council may exempt an applicant from any of the examinations mentioned in clause *d* of subsection 1 if the council is of the opinion that the applicant has adequate experience, technical competence, academic qualifications and other qualifications.

(3) The council shall forthwith after reaching a decision mail to an applicant, postage prepaid, addressed to his last address appearing on the register, written notice that he has or has not been designated as a consulting engineer, as the case may be, and where a member has been so designated he may take and use the title "Consulting Engineer" or any appropriate variation thereof approved by the council at such time or times as he is in independent practice.

(4) For the purposes of this Regulation, a member shall be deemed to be in independent practice if,

- (a) he offers professional engineering services generally to the public;
- (b) he is a member of a partnership or association of persons or an officer or director of a corporation and such partnership, association of persons or corporation offers professional engineering services generally to the public; or
- (c) he is a full-time employee of a member mentioned in clause *a* or of a partnership, association of persons or corporation mentioned in clause *b*. O. Reg. 60/73, s. 1.

2. The council may appoint a board of regulation to make recommendations to the council with respect to all matters relating to applications for designation as a consulting engineer and for requalification as such, as provided for in section 4, and, without limiting the generality of the foregoing,

- (a) respecting the standards to be applied;
- (b) respecting procedures for and the make-up of, examinations;
- (c) respecting the qualifications of applicants; and
- (d) respecting exemption of applicants from examinations. O. Reg. 60/73, s. 2.

3. An applicant shall appear personally before the council or, if a board of regulation has been appointed, the board of regulation, when so requested. O. Reg. 60/73, s. 3.

4. Designation as a consulting engineer shall, unless earlier revoked pursuant to section 8, be valid for a period of five years, at which time application for requalification may be made. O. Reg. 60/73, s. 4.

5. Section 1 shall apply *mutatis mutandis* to any application for requalification as a consulting engineer. O. Reg. 60/73, s. 5.

6.—(1) Any applicant whom the council has refused to designate as a consulting engineer may, within thirty days from the date upon which he receives written notice of such refusal under subsection 3 of section 1, request the council to reconsider his application, and upon receipt of such request the council shall reconsider the application, taking into account such additional evidence, if any, as is submitted by the applicant.

(2) An applicant shall be deemed to have received such written notification on the second business day after it has been mailed to him, postage prepaid, addressed to his last address appearing on the register.

(3) Upon any hearing conducted under this section, the council may make findings of fact by such standards of proof as are commonly relied upon by reasonable and prudent men in the conduct of their own affairs.

(4) The council shall forthwith after reaching a decision on any application for reconsideration mail to the applicant, postage prepaid, addressed to his last address appearing on the register, written notice either confirming the prior refusal of designation as a consulting engineer or advising that such applicant has been designated as a consulting engineer, as the case may be. O. Reg. 60/73, s. 6.

7. Only those persons who have been designated as such by the council may take and use the title "Consulting Engineer" or any appropriate variation thereof approved by the council; use of such title or such variation by a member not so designated, by a partnership, association of persons or corporation at a time when it is not entitled to do so under section 10 or by a member who is so designated but at a time when he is not in independent practice will constitute improper conduct in a professional respect under the definition of "professional misconduct" in the regulations. O. Reg. 60/73, s. 7.

8. Designation as a consulting engineer may be revoked if the consulting engineer has been found guilty of professional misconduct under section 25 of the Act. O. Reg. 60/73, s. 8.

9. The council may, from time to time, establish fees with respect to the designation of consulting engineers. O. Reg. 60/73, s. 9.

10. A partnership, association of persons or corporation that holds a certificate of authorization may use the title "Consulting Engineers" or any appropriate variation thereof approved by the council, where the practice of professional engineering is done under the responsibility and supervision of a designated consulting engineer who is in independent practice. O. Reg. 60/73, s. 10.

11. The right of a partnership, association of persons or corporation to use the title "Consulting Engineers" or any such variation thereof under

section 10 may be revoked if the partnership, association of persons or corporation has been found guilty of conduct that would, in the case of a member or licensee, have been professional misconduct under section 25 of the Act. O. Reg. 60/73, s. 11.

12. The council shall cause to be published annually a listing of members designated as consulting engineers and of partnerships, associations of persons and corporations entitled to use the title "Consulting Engineers" or any variation thereof. O. Reg. 60/73, s. 12.

13. A member may only make one application for designation as a consulting engineer in any twelve-month period. O. Reg. 60/73, s. 13.

14. This Regulation comes into force on the 1st day of January, 1974. O. Reg. 60/73, s. 14.

COUNCIL OF THE ASSOCIATION OF  
PROFESSIONAL ENGINEERS OF THE  
PROVINCE OF ONTARIO:

W. L. BRADLEY  
*President*

L. C. SENTANCE  
*Secretary*

Dated at Toronto, this 27th day of October, 1972.

(4839)

9

## THE DENTISTRY ACT

### O. Reg. 61/73.

Low Cost Denture Service.

Made—February 1st, 1973.

Approved—February 7th, 1973.

Filed—February 13th, 1973.

## BY-LAW MADE UNDER THE DENTISTRY ACT

### LOW COST DENTURE SERVICE

1. In this By-law "participating dentist" means a dentist who participates in the low cost denture service under section 20a of the Act. O. Reg. 61/73, s. 1.

2.—(1) The registrar shall establish and maintain a list of dentists participating in the low cost denture service.

(2) There shall be recorded on the list the names of participating dentists, the addresses at which low cost denture services are provided by such participating dentists and such further and other information as the Board considers necessary from time to time.



(3) The registrar shall maintain the list available for public inspection upon request during normal business hours. O. Reg. 61/73, s. 2.

3.—(1) Any dentist who applies in writing and provides the information required by this By-law may be entered on the list as a participating dentist.

(2) Any participating dentist shall have his name removed from the list by the registrar thirty days following receipt by the College of his written notification requesting such removal. O. Reg. 61/73, s. 3.

4.—(1) The notice required to be displayed by a participating dentist under subsection 3 of section 20a of the Act shall contain the words "PARTICIPANT IN THE PROGRAM FOR LOW COST DENTURE SERVICES" in conspicuous letters plainly visible by persons entering the office.

(2) The notice referred to in subsection 1 shall be supplied by the College and given by the registrar to each participating dentist after his name has been added to the list. O. Reg. 61/73, s. 4.

5. This By-law comes into force on the day section 3 of *The Dentistry Amendment Act, 1972* is proclaimed in force. O. Reg. 61/73, s. 5.

BOARD OF DIRECTORS  
THE ROYAL COLLEGE OF DENTAL  
SURGEONS OF ONTARIO:

P. ZAKAROW, D.D.S.  
*President*

KENNETH F. POWNALL, D.D.S.  
*Secretary*

Dated at Toronto, this 1st day of February, 1973.

(4840)

9

## THE PLANNING ACT

### O. Reg. 62/73.

Restricted Areas—County of Simcoe,  
Township of Vespra.

Made—February 13th, 1973.

Filed—February 14th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

### RESTRICTED AREAS—COUNTY OF SIMCOE, TOWNSHIP OF VESPRA

#### INTERPRETATION

1. In this Order,

- (a) "accessory building or structure" means a detached building or structure that is not used for human habitation but the use of which is naturally and normally

incidental to, subordinate to or exclusively devoted to a principal use or building and located in the same lot therewith and includes a detached private garage or a detached carport;

- (b) "commercial use" means the use of any land, building or structure for the purpose of the buying and selling of goods or commodities and the supplying of services but does not include such uses as the manufacturing or assembling of goods, warehousing and construction;
- (c) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
- (d) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so interrelated living together as a single house-keeping unit in one dwelling unit;
- (e) "industrial use" means the use of any land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, but does not include the buying and selling of goods or commodities and the supplying of services;
- (f) "lot" means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;
- (g) "lot line" means any boundary of a lot;
- (h) "lot line, front" means the lot line that divides the lot from the street, but in the case of a corner lot the shorter street line shall be deemed to be the front lot line and the longer street line shall be deemed to be a side lot line, but in the case of a corner lot with two street lines of equal length, the lot line that abuts the wider street, or abuts a county or suburban road or highway shall be deemed to be the front lot line, and in the case of both streets being under the same jurisdiction, or of the same width, the owner of such corner lot may designate either street line as the front lot line;



- (i) "lot line, rear" means the lot line opposite the front lot line;
- (j) "lot line, side" means a lot line other than a front or rear lot line;
- (k) "main building" means the building in which is carried on the principal purpose for which the lot is used;
- (l) "mobile home" means a vehicle that is suitable for being attached to a motor vehicle for the purpose of being drawn or propelled by the motor vehicle and which is placed, located, kept or maintained on land, notwithstanding that such vehicle is jacked up or that its running gear is removed, but not including a vehicle unless it is used for the living, sleeping or eating accommodation of persons therein;
- (m) "mobile home park" means an area designated and intended for mobile homes, but does not include public camping grounds maintained by the Township of Vespra, the Ministry of Transportation and Communications, or the Ministry of Natural Resources;
- (n) "single-family dwelling" means a separate building containing only one dwelling unit;
- (o) "street" means a public highway that is a principal means of access to abutting lots, that is under the jurisdiction of the Province of Ontario or the County of Simcoe or the Township of Vespra or is a road within a registered plan of subdivision or is a road the maintenance of which has been assumed by the township;
- (p) "yard, front" means a yard extending across the full width of a lot between the front lot line and nearest wall of any building or structure on the lot;
- (q) "yard, minimum front" means the minimum depth of a front yard on a lot between the front lot line and the nearest wall of any building or structure on the lot;
- (r) "yard, minimum rear" means the minimum depth of a rear yard on a lot between the rear lot line and the nearest wall of the main building or structure on the lot;
- (s) "yard, minimum side" means the minimum width of a side yard on a lot between a side lot line and the nearest wall of any building or structure on the lot. O. Reg. 62/73, s. 1.

APPLICATION

2. This Order applies to all lands within the Township of Vespra. O. Reg. 62/73, s. 2.

GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Vespra prior to the day this Order comes into force. O. Reg. 62/73, s. 3.

PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- 1. Commercial uses.
- 2. Industrial uses.
- 3. The erection or use of more than one single-family dwelling on a lot.
- 4. The erection or use of any building containing more than one dwelling unit.
- 5. Mobile home parks. O. Reg. 62/73, s. 4.

BUILDING LINE

5. No building or any part thereof shall be erected or extended nearer to the centreline of any street than in accordance with the following:

Provincial highways	100 feet
Regional roads	78 feet
County roads	78 feet
Township roads and other roads	60 feet

O. Reg. 62/73, s. 5.

BUILDINGS TO FRONT ON STREET

6. No person shall erect any building or structure unless the lot upon which such building or structure is to be erected fronts upon a street. O. Reg. 62/73, s. 6.

## LOT REQUIREMENTS

7. Requirements for residential buildings are established as follows:

Minimum side yards	8 feet
Minimum rear yard	25 feet

O. Reg. 62/73, s. 7.

8. The minimum side yard requirement for an institutional use and buildings and structures accessory thereto is established as 25 feet. O. Reg. 62/73, s. 8.

9. Requirements for an agricultural use and buildings and structures accessory thereto are established as follows:

Minimum front yard	300 feet from the centreline of the street
Minimum side yard	200 feet
Minimum rear yard	100 feet

O. Reg. 62/73, s. 9.

## ACCESSORY BUILDINGS OR STRUCTURES

10.—(1) The regulations governing the location of any accessory building or structure in relation to a lot line shall not apply to prevent the erection or use of a jointly-owned double garage that services two dwellings the common lot line of which shall be the dividing line of such garage.

(2) No accessory building or structure shall be located,

(a) in any front yard; or

(b) within five feet of any boundary of the lot on which the dwelling is located.

(3) The minimum distance of an accessory building or structure from a main building shall be five feet, provided that in no case shall any overhang, eaves or gutter project into this required minimum area that shall be clear of any obstruction from the ground to the sky. O. Reg. 62/73, s. 10.

11. Notwithstanding anything contained in this Order,

(a) the Township of Vespra or any local board thereof, as defined in *The Municipal Affairs Act*;

(b) any ministry, department or agency of the Government of Canada or Ontario;

(c) any telephone or telegraph company; and

(d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 62/73, s. 11.

## REBUILDING AND REPAIRS

12.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner, provided that the dimensions of the original building or structure are not increased or its original use altered.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 62/73, s. 12.

JOHN WHITE  
*Treasurer of Ontario and  
Minister of Economics and  
Intergovernmental Affairs*

Dated at Toronto, this 13th day of February, 1973.

(4856)

9

## THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT

## O. Reg. 63/73.

Designations—Trans-Canada Highway,  
Orillia to Manitoba Boundary.

Made—February 7th, 1973.

Filed—February 14th, 1973.

REGULATION MADE UNDER  
THE PUBLIC TRANSPORTATION AND  
HIGHWAY IMPROVEMENT ACT

1. Schedule 38 to Regulation 402 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 378/72, is revoked.

2. Schedules 39, and 40 to Regulation 402 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

## Schedule 39

In the Township of Broder in the District of Sudbury being,

(a) part of lots 3 to 9, both inclusive, Concession 5;

- (b) part of Lot 12 Concession 5;
- (c) part of lots 9 to 12, both inclusive, Concession 6;
- (d) part of,
  - (i) lots 6, 8, 10, 12 and 13, and
  - (ii) Joseph Street,
 plan M-534; and
- (e) all of lots 7 and 11, plan M-534,

and being that portion of the King's Highway shown as PART 1 on Ministry of Transportation and Communications plan P-3128-7, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 29th day of November, 1972.

6.00 miles, more or less.

O. Reg. 63/73, s. 2, *part*.

**Schedule 40**

In the Township of Waters in the District of Sudbury being,

- (a) part of lots 1 to 5, both inclusive, Concession 5; and
- (b) part of Lot 3 Concession 4,

and being that portion of the King's Highway shown as PART 2 on Ministry of Transportation and Communications plan P-3128-7, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 29th day of November, 1972.

2.16 miles, more or less.

O. Reg. 63/73, s. 2, *part*.

(4857)

9

**THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT**

**O. Reg. 64/73.**  
 Designations—Miscellaneous,  
 Southern Ontario.  
 Made—February 7th, 1973.  
 Filed—February 14th, 1973.

**REGULATION MADE UNDER THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT**

- 1. Schedule 64 to Regulation 394 of Revised Regulations of Ontario, 1970 is revoked.

(4858)

9

**THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT**

**O. Reg. 65/73.**  
 Designations—Trans-Canada Highway,  
 Orillia to Manitoba Boundary.  
 Made—February 7th, 1973.  
 Filed—February 14th, 1973.

**REGULATION MADE UNDER THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT**

- 1. Schedule 68 to Regulation 402 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 68**

In the Township of Havilland in the Territorial District of Algoma being,

- (a) part of sections 13, 24, 27, 34, 38 and 39;
- (b) part of,
  - (i) blocks A, B and C,
  - (ii) lots 1 to 9, both inclusive, and
  - (iii) lots 28, 29 and 30,
 registered plan H-415;
- (c) part of Block A, registered plan H-416;
- (d) part of,
  - (i) lots 4 to 13, both inclusive, and
  - (ii) Block A,
 registered plan H-417;
- (e) part of Imperial Mining Location No. 3; and
- (f) part of the land and the land under the waters of,
  - (i) Harmony River,
  - (ii) Batchawana Bay, and
  - (iii) Stokely Creek,

and being those portions of the King's Highway shown as PARTS 2 and 5 on Ministry of Transportation and Communications plan P-3380-57, filed with the Record Services Section of the Ministry of Transportation and Communications, at Toronto, on the 5th day of December, 1972.

3.86 miles, more or less.

O. Reg. 65/73, s. 1.

(4859)

9



## THE PLANNING ACT

## O. Reg. 66/73.

Restricted Areas—County of Peterborough,  
Township of North Monaghan.

Made—February 14th, 1973.

Filed—February 14th, 1973.

ORDER MADE UNDER  
THE PLANNING ACTRESTRICTED AREAS—COUNTY OF  
PETERBOROUGH, TOWNSHIP OF  
NORTH MONAGHAN

## INTERPRETATION

## 1. In this Order,

- (a) "accessory building or structure" means a detached building or structure that is not used for human habitation but the use of which is naturally and normally incidental to, subordinate to or exclusively devoted to a principal use or building and located in the same lot therewith and includes a detached private garage or a detached carport;
- (b) "commercial use" means the use of any land, building or structure for the purpose of the buying and selling of goods or commodities and the supplying of services but does not include such uses as the manufacturing or assembling of goods, warehousing and construction;
- (c) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building;
- (d) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so interrelated living together as a single house-keeping unit in one dwelling unit;
- (e) "floor area" means the total area of all floors contained within the outside walls of a building, excluding in the case of a dwelling, the floor area of a private garage, porch, verandah, unfinished attic, basement or cellar;
- (f) "industrial use" means the use of any land, building or structure for the purpose of the manufacturing, assembling, making, preparing, inspecting, ornamenting, finishing, treating, altering, repairing, warehousing or storing or adapting for sale any goods, substance, article or thing, or any part thereof, and the storage of building and construction equipment and materials, but does not include the buying and selling of goods or commodities and the supplying of services;
- (g) "lot" means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;
- (h) "lot frontage" means the width of a lot measured along a line 20 feet back from the street and parallel to the lot line abutting the street;
- (i) "lot line" means any boundary of a lot;
- (j) "lot line front" means the lot line that divides the lot from the street, but in the case of a corner lot the shorter street line shall be deemed to be the front lot line and the longer street line shall be deemed to be a side lot line, but in the case of a corner lot with two street lines of equal length, the lot line that abuts the wider street, or abuts a county or suburban road or highway shall be deemed to be the front lot line, and in the case of both streets being under the same jurisdiction, or of the same width, the owner of such corner lot may designate either street line as the front lot line;
- (k) "lot line, rear" means the lot line opposite the front lot line;
- (l) "lot line, side" means a lot line other than a front or rear lot line;
- (m) "main building" means the building in which is carried on the principal purpose for which the lot is used;
- (n) "mobile home" means a vehicle that is suitable for being attached to a motor vehicle for the purpose of being drawn or propelled by the motor vehicle and which is placed, located, kept or maintained on land, notwithstanding that such vehicle is jacked up or that its running gear is removed, but not including a vehicle unless it is used for the living, sleeping or eating accommodation of persons therein;
- (o) "mobile home park" means an area designated and intended for mobile homes, but does not include public camping grounds maintained by the Township of North Monaghan, the Ministry of Transportation and Communications, or the Ministry of Natural Resources;

- (p) "single-family dwelling" means a separate building containing only one dwelling unit;
- (q) "street" means a public highway that is a principal means of access to abutting lots, that is under the jurisdiction of the Province of Ontario or the County of Peterborough or the Township of North Monaghan or is a road within a registered plan of subdivision or is a road the maintenance of which has been assumed by the township;
- (r) "yard, front" means a yard extending across the full width of a lot between the front lot line and nearest wall of any building or structure on the lot;
- (s) "yard, minimum front" means the minimum depth of a front yard on a lot between the front lot line and the nearest wall of any building or structure on the lot;
- (t) "yard, minimum rear" means the minimum depth of a rear yard on a lot between the rear lot line and the nearest wall of the main building or structure on the lot;
- (u) "yard, minimum side" means the minimum width of a side yard on a lot between a side lot line and the nearest wall of any building or structure on the lot. O. Reg. 66/73, s. 1.

APPLICATION

2. This Order applies to all lands within the Township of North Monaghan. O. Reg. 66/73, s. 2.

GENERAL

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the municipal architect or the building inspector of the Township of North Monaghan prior to the day this Order comes into force. O. Reg. 66/73, s. 3.

PROHIBITED USES

4. No land shall be used and no building or structure shall be erected or used for any of the following purposes:

- 1. Commercial uses.
- 2. Industrial uses.
- 3. The erection or use of more than one single-family dwelling on a lot.
- 4. The erection or use of any building containing more than one dwelling unit.
- 5. Mobile home parks. O. Reg. 66/73, s. 4.

BUILDING LINE

5. No building or any part thereof shall be erected or extended nearer to the centreline of any street than in accordance with the following:

Provincial highways	100 feet
Regional roads	78 feet
County roads	78 feet
Township roads and other roads	60 feet

O. Reg. 66/73, s. 5.

BUILDINGS TO FRONT ON STREET

6. No person shall erect any building or structure unless the lot upon which such building or structure is to be erected fronts upon a street. O. Reg. 66/73, s. 6.

LOT REQUIREMENTS

7. Requirements for residential buildings are established as follows:

Minimum lot area	22,000 square feet
Minimum lot frontage	125 feet
Minimum front yard	25 feet
Minimum side yard	10 feet on one side and 4 feet on the other side
Minimum rear yard	25 feet
Maximum height	30 feet
Minimum ground floor area	
one storey	1,200 square feet
one and one-half storeys or more	800 square feet

O. Reg. 66/73, s. 7.



## ACCESSORY BUILDINGS OR STRUCTURES

8.—(1) The regulations governing the location of any accessory building or structure in relation to a lot line shall not apply to prevent the erection or use of a jointly-owned double garage that services two dwellings the common lot line of which shall be the dividing line of such garage.

(2) No accessory building or structure shall be located,

(a) in any front yard; or

(b) within five feet of any boundary of the lot on which the dwelling is located.

(3) The minimum distance of an accessory building or structure from a main building shall be five feet provided that in no case shall any overhang, eaves or gutter project into this required minimum area that shall be clear of any obstruction from the ground to the sky. O. Reg. 66/73, s. 8.

9. Notwithstanding anything contained in this Order,

(a) the Township of North Monaghan or any local board thereof, as defined in *The Municipal Affairs Act*;

(b) any ministry, department or agency of the Government of Canada or Ontario;

(c) any telephone or telegraph company; and

(d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 66/73, s. 9.

## REBUILDING AND REPAIRS

10.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner, provided that the dimensions of the original building or structure are not increased or its original use altered.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 66/73, s. 10.

JOHN WHITE  
Treasurer of Ontario  
and Minister of Economics  
and Intergovernmental Affairs

Dated at Toronto, this 14th day of February, 1973.

(4860)

9

## THE ELDERLY PERSONS CENTRES ACT

O. Reg. 67/73.

General.

Made—February 7th, 1973.

Filed—February 14th, 1973.

REGULATION MADE UNDER  
THE ELDERLY PERSONS CENTRES ACT

1. Schedule 1 to Regulation 235 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:

18a. United Jewish Welfare Fund of Toronto

2. Schedule 2 to Regulation 235 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following items:

18b. United Jewish Welfare Fund of Toronto  
Elderly Persons Centre, 150 Beverley Street,  
Toronto

18c. Valleyview Senior Citizens Centre, Elysian  
Street, St. Thomas

3. Part I of Form 4 to Regulation 235 of Revised Regulations of Ontario, 1970, as made by section 9 of Ontario Regulation 117/71, is revoked and the following substituted therefor:



PART I

NET EXPENDITURE FOR OPERATION AND MAINTENANCE OF CENTRE

(do not include costs of a program of services for which a grant was paid under section 5 of the Act)	Totals for Current Year To Date	For Departmental Use Only
1. Salaries, wages and staff benefits.....	\$.....	\$.....
2. Meals on Wheels.....	.....	.....
3. Refreshments, Crafts, transportation and other benefits for participants.....	.....	.....
4. Property operation and maintenance (see note).....	.....	.....
5. Office administration supplies and expenses.....	.....	.....
6. Other (please specify).....	.....	.....
7. Total Net Expenditure—Current year to date.....	\$.....	\$.....
8. Total previous net expenditure for current year to date..... (item 7 of Form 4 of immediately preceding period)	\$.....	\$.....
9. Total net expenditure for current period for operation and maintenance of Centre..... (deduct item 8 from item 7)	\$.....	\$.....

O. Reg. 67/73, s. 3.

(4861)

9

THE TRAINING SCHOOLS ACT

O. Reg. 68/73.  
General.  
Made—February 7th, 1973.  
Filed—February 15th, 1973.

REGULATION MADE UNDER  
THE TRAINING SCHOOLS ACT

1. Schedule 1 to Regulation 815 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 470/71, is revoked and the following substituted therefor:

Schedule 1

Pine Ridge School, Bowmanville  
Brookside School, Cobourg

Sprucedale School, Hagersville  
Glendale School, Simcoe  
Hillcrest School, Guelph  
White Oaks Village, Hagersville  
Grand View School, Galt  
Kawartha Lakes School, Lindsay  
Project D.A.R.E., Portage Lake  
Project D.A.R.E., Wendigo Lake  
Cecil Facer School, Sudbury  
Elmcrest School, Toronto  
Reception and Assessment Centre, Oakville

O. Reg. 68/73, s. 1.

(4862)

9

THE MUNICIPAL AFFAIRS ACT

O. Reg. 69/73.

Tax Arrears and Tax Sale Procedures.

Made—January 31st, 1973.

Filed—February 16th, 1973.

REGULATION MADE UNDER  
THE MUNICIPAL AFFAIRS ACT

TAX ARREARS AND TAX SALE  
PROCEDURES

1. The tax arrears procedure of the Act shall apply and the tax sale procedure of *The Municipal Act*, *The Public Schools Act* and *The Secondary Schools and Boards of Education Act* shall not apply to:

- (a) the local municipalities in Schedule 1;
- (b) the local municipalities in Schedule 2;
- (c) the area municipalities in Schedule 3;
- (d) all school boards except separate school boards in an unorganized township or unsurveyed territory within the territorial districts in Schedule 4; and
- (e) school boards having jurisdiction in territory without municipal organization within the territorial districts in Schedule 5.

Schedule 1

COLUMN 1	COLUMN 2
County	Local Municipalities
1. Bruce	All
2. Dufferin	All
3. Elgin	All
4. Essex	Town of Amherstburg Town of Kingsville Village of St. Clair Beach Township of Anderdon Township of Colchester South Township of Colchester North Township of Gosfield South Township of Gosfield North Township of Malden Township of Mersea Township of Pelee Township of Rochester Township of Tilbury North Township of Tilbury West

COLUMN 1	COLUMN 2
County	Local Municipalities
5. Grey	Town of Durham Town of Hanover Town of Meaford Town of Thornbury Village of Dundalk Village of Markdale Township of Artemesia Township of Bentinck Township of Collingwood Township of Derby Township of Egremont Township of Euphrasia Township of Holland Township of Keppel Township of Normanby Township of Osprey Township of St. Vincent Township of Sarawak Township of Sullivan Township of Sydenham
6. Haldimand	Town of Caledonia Town of Dunville
7. Provisional County of Haliburton	All
8. Halton	All
9. Hastings	Village of Frankford Township of Thurlow
10. Huron	Town of Exeter Village of Bayfield Township of Colborne
11. Kent	Town of Bothwell Town of Tilbury
12. Lambton	Town of Forest Town of Petrolia Village of Grand Bend Township of Bosanquet Township of Moore Township of Sarnia
13. Lanark	All
14. Lennox & Addington	Village of Bath Township of Denbigh, Abinger & Ashby Township of Kaladar, Anglesea & Effingham Township of Richmond
15. Middlesex	City of London Town of Parkhill Town of Strathroy Village of Glencoe

COLUMN 1.	COLUMN 2
County	Local Municipalities
16. Norfolk	Town of Delhi Town of Waterford Village of Port Rowan Township of Houghton Township of Middleton Township of Townsend Township of Walsingham North Township of Walsingham South
17. Northumberland and Durham	All
18. Ontario	Village of Pickering Township of Rama Township of Reach Township of Scott
19. Oxford	All—except the City of Woodstock and the Separated Town of Ingersoll
20. Peel	All
21. Peterborough	Village of Lakefield Village of Norwood Township of Douro Township of Smith
22. Prescott and Russell	All
23. Renfrew	Town of Deep River Town of Renfrew
24. Simcoe	City of Orillia Town of Alliston Town of Bradford Town of Stayner Township of Innisfil Township of Matchedash
25. Stormont, Dundas & Glengarry	All
26. Victoria	All
27. Wellington	All—except the City of Guelph
28. Wentworth	Town of Stoney Creek Township of Ancaster Township of Beverly Township of Flamborough West Township of Saltfleet

## Schedule 2

COLUMN 1	COLUMN 2
Territorial Districts	Local Municipalities
1. Algoma	Village of Hilton Beach Village of Iron Bridge Township of Elliot Lake Township of Johnson Township of Laird Township of MacDonald Meredith & Aberdeen Additional Township of Michipicoten Township of St. Joseph Township of Wicksteed
2. Cochrane	All
3. Kenora	Township of Red Lake
4. Manitoulin	Town of Gore Bay Township of Assiginack Township of Billings Township of Carnarvon Township of Cockburn Island Township of Sandfield Township of Tehkummah
5. Nipissing	All
6. Parry Sound	All
7. Rainy River	All
8. Sudbury	All
9. Timiskaming	All
10. Thunder Bay	City of Thunder Bay Municipality of Neebing Municipality of Shuniah Township of Conmee Township of O'Connor Township of Paipoonge Township of Schreiber Township of Terrace Bay



**Schedule 3**

COLUMN 1	COLUMN 2
District, Metropolitan or Regional Municipality	Area Municipalities
1. Metropolitan Toronto	All except City of Toronto
2. Muskoka	All
3. Niagara	All
4. Ottawa-Carleton	All
5. Sudbury	All
6. Waterloo	All
7. York	All

**Schedule 4**

The Territorial Districts of:

1. Cochrane
2. Nipissing
3. Parry Sound
4. Rainy River
5. Sudbury
6. Temiskaming

**Schedule 5**

COLUMN 1	COLUMN 2
The Territorial District of	School Board
1. Algoma	North Shore Board of Education Sault Ste. Marie Board of Education
2. Kenora	Kenora Board of Education
3. Thunder Bay	Lakehead Board of Education

O. Reg. 69/73, s. 1.

2. The boroughs of East York, Etobicoke, North York, Scarborough and York in the Municipality of Metropolitan Toronto shall be deemed to have continued to be under the tax registration procedure of the Act since the 1st day of January, 1971. O. Reg. 69/73, s. 2.

3. Regulation 216 of Revised Regulations of Ontario, 1970 and Ontario Regulations 93/71, 209/71, 359/71, 433/71, 87/72, 192/72 and 337/72 are revoked. O. Reg. 69/73, s. 3.

JOHN WHITE  
*Treasurer of Ontario  
 and Minister of Economics  
 and Intergovernmental Affairs*

Dated at Toronto, this 31st day of January, 1973.

(4865)

9



# Publications Under The Regulations Act

March 10th, 1973

## THE PUBLIC SERVICE ACT

O. Reg. 70/73.

General.

Made—January 5th, 1973.

Approved—February 14th, 1973.

Filed—February 19th, 1973.

## REGULATION MADE UNDER THE PUBLIC SERVICE ACT

1.—(1) Subsections 1 and 2 of section 19 of Regulation 749 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(1) A deputy minister may grant to a civil servant in his ministry leave-of-absence with pay for a period of one year for the purpose of undertaking employment with the Government of Canada in connection with a foreign aid program or employment with a foreign government or other public agency.

(2) Leave-of-absence granted under subsection 1 may be renewed for a second year in the same manner that the initial leave-of-absence was granted and subject to the same terms and conditions.

(2a) Leave-of-absence granted under subsection 1 and renewed under subsection 2 may be renewed for a third year and from year to year by the deputy minister upon the certificate of the Commission. O. Reg. 70/73, s. 1 (1).

(2) Clause c of subsection 4 of the said section 19 is revoked and the following substituted therefor:

(c) the cash equivalent of the total attendance credits computed by reckoning,

(i) for each month in which the civil servant is on the leave-of-absence with pay for more than twelve days, an attendance credit of  $1\frac{1}{4}$  days, and

(ii) for each month in which the civil servant is on the leave-of-absence with pay for not more than twelve days, an attendance credit of three-quarters of a day.

2. Subsections 1 and 2 of section 20 of Regulation 749 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(1) A deputy minister may grant to a civil servant in his ministry leave-of-absence without pay and without accumulation of credits for a period of one year for the purpose of undertaking employment with the Government of Canada in connection with a foreign aid program or employment with a foreign government or other public agency.

(2) Leave-of-absence granted under subsection 1 may be renewed for a second year in the same manner that the initial leave-of-absence was granted and subject to the same terms and conditions.

(2a) Leave-of-absence granted under subsection 1 and renewed under subsection 2 may be renewed for a third year and from year to year by the deputy minister upon the certificate of the Commission. O. Reg. 70/73, s. 2.

CIVIL SERVICE COMMISSION:

W. A. B. ANDERSON  
Chairman

Dated at Toronto, this 5th day of January, 1973.

(4896)

10



## THE SURVEYS ACT

## O. Reg. 71/73.

Survey Methods.

Made—February 14th, 1973.

Filed—February 19th, 1973.

REGULATION MADE UNDER  
THE SURVEYS ACT

1. Paragraph 2 of Method 2 in Part II of Regulation 808 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  2. Join the nearest ascertainable points on the side line as intended in the original survey.
2. Paragraph 2 of Method 4 in Part II of Regulation 808 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  2. Determine the distance along the side line between the two nearest undisputed lot corners, one being on either side of the lost corner, and establish the lost corner by dividing the distance proportionately as intended in the original survey, having regard for any road allowance made in the original survey.
3. Paragraph 1 of Method 13 in Part III of Regulation 808 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  1. Section 17, subsection 2, paragraph 3, to re-establish part of a township boundary, base line or concession line in a single front township which is obliterated and where no evidence of the original position of the boundary or line exists.
4. Paragraph 1 of Method 104 in Part V of Regulation 808 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  1. Section 34, paragraph 2, to establish in a concession the side line of a lot in a sectional township with double fronts not surveyed under the 1,000-acre or 1,800-acre sectional systems and that was not surveyed in the original survey where the side lines of the section in which the lot is located at both ends of the section are broken by a lake or river to such an extent that the course of the side lines cannot be accurately determined.
5. Paragraph 2 of Method 135 in Part VI of Regulation 808 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  2. Establish the side line of the broken lots from points determined by measuring the distance intended in the original survey from the nearest undisputed corner on the front of the concession along the astronomic course intended for the front of the concession.

(4897)

10

## THE SURVEYS ACT

## O. Reg. 72/73.

Monuments.

Made—February 14th, 1973.

Filed—February 19th, 1973.

REGULATION MADE UNDER  
THE SURVEYS ACT

- 1.—(1) Clause c of section 1 of Regulation 807 of Revised Regulations of Ontario, 1970, exclusive of the Sketch, is revoked and the following substituted therefor:
  - (c) "Crown Lands Iron Post" means an iron or steel tube one inch inside diameter and thirty inches long filled with concrete and fitted with an iron or steel foot plate and a bronze identification cap on the top and planted so that the identification cap is flush with the ground level, illustrated as follows:

(2) Clause *n* of the said section 1 exclusive of the Sketch is revoked and the following substituted therefor:

(*n*) "Stone Mound" means a mound of stones not less than 1½ feet high having a base not less than three feet in diameter, illustrated as follows:

2. Clause *a* of section 4 of Regulation 807 of Revised Regulations of Ontario, 1970, exclusive of the subclauses, is revoked and the following substituted therefor:

(*a*) every exterior angle, every angle of each street intersection, the beginning and end of every curved boundary of constant radius, every angle in a street or block boundary and points on the limits of the streets and blocks at intervals not greater than 500 feet apart shall be defined in the survey by,

3. Section 11 of Regulation 807 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(2*a*) Notwithstanding subsection 2, where, in defining a point in a survey mentioned in subsection 2 on bedrock covered by an overburden of between two to four feet inclusive in depth, a Short Standard Iron Bar may be used in lieu of a monument prescribed by subsection 2. O. Reg. 72/73, s. 3.

(4898)

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## THE VOCATIONAL REHABILITATION SERVICES ACT

O. Reg. 73/73.

General.

Made—February 14th, 1973.

Filed—February 19th, 1973.

### REGULATION MADE UNDER THE VOCATIONAL REHABILITATION SERVICES ACT

1. Schedule 2 to Regulation 821 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:

35*a*. Atlas Industrial Centre,  
3560 Bathurst Street, Toronto

(4899)

10

## THE MINISTRY OF CORRECTIONAL SERVICES ACT

O. Reg. 74/73.

General.

Made—February 14th, 1973.

Filed—February 20th, 1973.

### REGULATION MADE UNDER THE MINISTRY OF CORRECTIONAL SERVICES ACT

1. Section 11 of Regulation 166 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 146/71, is revoked and the following substituted therefor:

11.—(1) Where, in the opinion of the Superintendent, it is necessary or desirable, he may authorize the temporary absence of an inmate from the institution,

(*a*) for medical reasons, for such period as is required for the purpose of obtaining medical treatment; or

(*b*) for humanitarian reasons, or to assist in his rehabilitation, for a period not exceeding five days.

(2) Where, in the opinion of the Deputy Minister or his designated representatives, it is necessary or desirable for humanitarian reasons or to assist in the rehabilitation of an inmate, he may authorize his temporary absence from the institution in which he is detained for a period not exceeding fifteen days. O. Reg. 74/73, s. 1.

2. Subsection 1 of section 12 of Regulation 166 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Subject to subsection 2, the Superintendent may, with the approval of the Deputy Minister or his designated representatives, authorize a series of daily absences of an inmate from an institution for the purpose of employment, education, training or other activity that is considered by him necessary or advisable to assist in the inmate's rehabilitation. O. Reg. 74/73, s. 2.

3. Section 22 of Regulation 166 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

22. No inmate shall be penalized for any infraction of the rules of the institution except by the Superintendent or his designated representative and in the absence of the Superintendent or designated representative, the Senior Officer. O. Reg. 74/73, s. 3.



4. Subsection 5 of section 23 of Regulation 166 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(5) Where, in the opinion of the officer in charge, a contravention has been established and requires disposition by the Superintendent or his designated representative and in the absence of the Superintendent or designated representative, the Senior Officer, he shall, before imposing any penalty, review the written report with the inmate concerned together with the details of the investigation of the officer in charge and the inmate shall be given full opportunity to make his answer to the charge. O. Reg. 74/73, s. 4.

5. Section 26 of Regulation 166 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 336/71, is revoked and the following substituted therefor:

26.—(1) Every inmate shall, unless,

- (a) medically exempted;
- (b) under sentence of death; or
- (c) subject to subsection 2, not under sentence of imprisonment,

participate in work at the institution and in any institutional program to which he is assigned.

(2) Every inmate confined in an institution but not under sentence of imprisonment shall participate in work for the purpose of keeping the area of his living quarters clean and, with the approval of the Superintendent, may participate should he wish to do so in other work in the institution. O. Reg. 74/73, s. 5.

6. Section 36 of Regulation 166 of Revised Regulations of Ontario, 1970, as amended by section 6 of Ontario Regulation 146/71, is revoked and the following substituted therefor:

36.—(1) No person within the limits of the institution property or ground shall,

- (a) give, trade or sell to any inmate any article without the prior approval of the Superintendent; or
- (b) subject to subsection 2, consume or have in his possession any liquor as defined by *The Liquor Control Act*.

(2) A person living on institution property may have liquor in his possession provided the liquor is placed in safekeeping in the residence of such person and is consumed therein only by himself, his family or his guests. O. Reg. 74/73, s. 6.

7. Section 42 of Regulation 166 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

42. The Superintendent may permit an inmate who is confined in the institution but not under sentence of imprisonment to wear his own clothing, but where such clothing is inadequate, unfit to wear or is required by the police or by the court, the Superintendent shall supply the inmate with institution clothing unless the inmate arranges to have other suitable clothing provided at his own expense. O. Reg. 74/73, s. 7.

8. Regulation 166 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulations 146/71, 336/71 and 194/72, is further amended by adding thereto the following section:

37a. For the purpose of subsection 2 of section 8 of the Act, the following institution is designated as a reformatory for the treatment, training and confinement of female offenders only:

Vanier Centre for Women

O. Reg. 74/73, s. 8.

9. Schedule 1 as remade by section 8 of Ontario Regulation 146/71 and Schedule 2 as remade by section 9 of Ontario Regulation 146/71, to Regulation 166 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 1

Brampton Adult Training Centre  
Burtch Adult Training Centre  
Monteith Adult Training Centre  
Rideau Adult Training Centre  
Thunder Bay Adult Training Centre

Burtch Correctional Centre  
Burwash Correctional Centre  
Guelph Correctional Centre  
Millbrook Correctional Centre  
Mimico Correctional Centre  
Monteith Correctional Centre  
Rideau Correctional Centre  
Thunder Bay Correctional Centre

Dufferin Forestry Camp  
Durham Camp  
Hendrie Forestry Camp  
Hillsdale Forestry Camp  
McCreights Forestry Camp  
Oliver Forestry Camp

Vanier Centre for Women

Alex G. Brown Memorial Clinic

O. Reg. 74/73, s. 9, *part.*



**Schedule 2**

Niagara Regional Detention Centre  
Ottawa-Carleton Regional Detention Centre  
Quinte Regional Detention Centre

Barrie Jail  
Brampton Jail  
Brantford Jail  
Brockville Jail  
Cayuga Jail  
Chatham Jail  
Cobourg Jail  
Cornwall Jail  
Fort Frances Jail  
Guelph Jail  
Haileybury Jail  
Hamilton Jail  
Kenora Jail  
Kitchener Jail  
Lindsay Jail  
London Jail  
L'Orignal Jail  
Milton Jail  
Monteith Jail  
North Bay Jail  
Orangeville Jail  
Owen Sound Jail  
Parry Sound Jail  
Pembroke Jail  
Perth Jail  
Peterborough Jail  
St. Catharines Jail  
St. Thomas Jail  
Sarnia Jail  
Sault Ste. Marie Jail  
Simcoe Jail  
Stratford Jail  
Sudbury Jail  
Thunder Bay Jail  
Toronto Jail  
Walkerton Jail  
Welland Jail  
Whitby Jail  
Windsor Jail  
Woodstock Jail

O. Reg. 74/73, s. 9, *part.*

(4900)

10

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT**

**O. Reg. 75/73.**

Sittings of the General Sessions of the  
Peace and sittings of the County  
Court for the County of Victoria.  
Made—February 19th, 1973.  
Filed—February 20th, 1973.

IN THE MATTER OF *The General Sessions Act*, and  
of *The County Courts Act*; and

IN THE MATTER OF the sittings of the General  
Sessions of the Peace and of the sittings of the  
County Court for the trial of issues of fact and  
assessment of damages with or without a jury,  
for the County of Victoria.

**ORDER**

IT IS ORDERED that a sittings of the court of  
General Sessions of the Peace and a sittings of the  
County Court for the trial of issues of fact and  
assessment of damages with or without a jury for  
the County of Victoria, shall be held commencing  
on Monday, October 1st, 1973, instead of Decem-  
ber 3rd, 1973.

AND IT IS FURTHER ORDERED that the sit-  
tings of the County Court for the trial of issues  
of fact and assessment of damages without a jury  
for the County of Victoria, shall be held commencing  
on Monday, December 3rd, 1973, instead of October  
1st, 1973.

AND IT IS FURTHER ORDERED that a copy of  
this Order shall be mailed by ordinary post to the  
Attorney General of Ontario, and that a copy of  
this Order shall be posted in the office of the  
Clerk of the County Court of the County of Victoria,  
and in the office of the Clerk of the General Ses-  
sions of the Peace for the said County. O. Reg.  
75/73, Order.

C. E. BENNETT  
*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in the Municipality  
of Metropolitan Toronto, this 19th day of February,  
1973.

(4901)

10

**THE PRIVATE INVESTIGATORS  
AND SECURITY GUARDS ACT**

**O. Reg. 76/73.**

General.

Made—November 22nd, 1972.

Filed—February 20th, 1973.

**REGULATION MADE UNDER  
THE PRIVATE INVESTIGATORS AND  
SECURITY GUARDS ACT**

1. Section 3 of Regulation 690 of Revised  
Regulations of Ontario, 1970 is revoked and  
the following substituted therefor:

3.—(1) Fees payable to the Registrar are as  
follows:

1. Upon application for a licence in Form 1 or a renewal thereof..... \$400
2. Upon application for a licence in Form 2 or a renewal thereof..... 400
3. Upon application for a licence in Form 3 or a renewal thereof..... 800
4. Where the applicant for a licence in Form 1 or Form 2 has one or more branch offices, for each branch office.. 65
5. Where the applicant for a licence in Form 3 has one or more branch offices, for each branch office..... 100
6. Upon application for a licence in Form 4 to act as a private investigator or a renewal thereof..... 14
7. Upon initial application in any licence year for a licence in Form 4 to act as a security guard or a renewal thereof..... 6
8. Upon subsequent application in the same licence year for a licence in Form 4 to act as a security guard.. 3
9. Upon application for a licence in Form 5 to act as a private investigator and security guard or a renewal thereof..... 20

(2) Where a licence is issued after the 30th day of September in any year, the fee payable is one-half of the fee prescribed for the licence in subsection 1. O. Reg. 76/73, s. 1.  
(4902) 10

### THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT

#### O. Reg. 77/73.

Designations—Toronto to Windsor  
(Hwy. # 401).  
Made—February 14th, 1973.  
Filed—February 21st, 1973.

#### REGULATION MADE UNDER THE PUBLIC TRANSPORTATION AND HIGHWAY IMPROVEMENT ACT

1. Schedules 83, 84, 85 and 86 to Regulation 400 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 83

In the Township of Maidstone in the County of Essex being,

- (a) part of lots 16 and 17, Concession 1 west of Belle River;
- (b) part of lots 17 and 18, in each of concessions 2, 3, 4, 5, 9 and 10;
- (c) part of Lot 18 in each of concessions 6, 7 and 8;
- (d) part of the land and the land under the waters of the Belle River; and
- (f) part of the road allowance between,
  - (i) Concession 1 west of Belle River and Concession 2,
  - (ii) concessions 2 and 3,
  - (iii) concessions 3 and 4,
  - (iv) concessions 4 and 5,
  - (v) concessions 5 and 6,
  - (vi) concessions 6 and 7,
  - (vii) concessions 7 and 8,
  - (viii) concessions 8 and 9,
  - (ix) concessions 9 and 10, and
  - (x) the townships of Maidstone and Sandwich South,

and being that portion of the King's Highway shown as PART 1 on Ministry of Transportation and Communications plan P-2956-38, deposited in the registry office for the Registry Division of Essex on the 5th day of December, 1972 as No. 12R-686.

8.00 miles, more or less.

O. Reg. 77/73, s. 1.

(4914) 10

### THE FARM PRODUCTS MARKETING ACT

#### O. Reg. 78/73.

Tobacco—Marketing.  
Made—February 20th, 1973.  
Filed—February 21st, 1973.

#### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1. Clauses *l*, *m*, *n* and *o* of section 4 of Regulation 341 of Revised Regulations of Ontario, 1970 are revoked.



2. Regulation 341 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 79/72, is further amended by adding thereto the following section:

5a.—(1) The Board authorizes the local board,

- (a) to require that tobacco be marketed on a quota basis;
- (b) to prohibit any person to whom a quota has not been fixed and allotted for the marketing of tobacco or whose quota has been cancelled from marketing any tobacco;
- (c) to prohibit any person to whom a quota has been fixed and allotted for the marketing of tobacco from marketing any tobacco in excess of such quota; and
- (d) to prohibit any person to whom a quota has been fixed and allotted for the marketing of tobacco produced on lands in respect of which such quota was fixed and allotted from marketing any tobacco other than the tobacco produced on such lands.

(2) The Board authorizes the local board,

- (a) to fix and allot to persons quotas for the marketing of tobacco on such basis as the local board considers proper;
- (b) to refuse to fix and allot to any person a quota for the marketing of tobacco for any reason that the local board considers proper; and
- (c) to cancel or reduce, or refuse to increase, a quota fixed and allotted to any person for the marketing of tobacco for any reason that the local board considers proper.

(3) The Board authorizes the local board,

- (a) to require that tobacco be produced on a basis of tobacco acreage;
- (b) to prohibit any person to whom a tobacco acreage has not been fixed and allotted or whose tobacco acreage has been cancelled from producing tobacco;
- (c) to prohibit any person to whom a tobacco acreage has been fixed and allotted from producing any tobacco on acreage in excess of the tobacco acreage fixed and allotted to such person; and
- (d) to prohibit any person from producing tobacco on land other than a tobacco farm in respect of which a tobacco acreage has been fixed and allotted to such person.

(4) The Board authorizes the local board,

- (a) to fix and allot to persons tobacco acreages on such basis as the local board considers proper;

- (b) to refuse to allot to any person a tobacco acreage on such basis as the local board considers proper; and

- (c) to cancel or reduce, or refuse to increase, a tobacco acreage fixed and allotted to any person for any reason that the local board considers proper. O. Reg. 78/73, s. 2.

THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON

*Chairman*

WILLIAM V. DOYLE

*Secretary*

Dated at Toronto, this 20th day of February, 1973.

(4916)

10

THE REGIONAL MUNICIPALITY OF  
SUDBURY ACT, 1972

O. Reg. 79/73.

Order of the Minister.

Made—February 20th, 1973.

Filed—February 22nd, 1973.

REGULATION MADE UNDER  
THE REGIONAL MUNICIPALITY OF  
SUDBURY ACT, 1972

IN THE MATTER OF the establishment of a public library board in the area municipality of the Town of Walden, formerly known as the area municipality of the Town of Waters.

ORDER OF THE MINISTER

Under the provisions of subsection 2 of section 133 of *The Regional Municipality of Sudbury Act, 1972*, It Is ORDERED:

1. A public library board shall be established for the area municipality of the Town of Walden, formerly known as the area municipality of the Town of Waters, and shall be known as The Walden Public Library Board. O. Reg. 79/73, s. 1.

2. The Walden Public Library Board shall assume all the assets and liabilities of The Waters Public Library Board and The Lively Public Library Board. O. Reg. 79/73, s. 2.

J. WHITE

*Treasurer of Ontario and  
Minister of Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 20th day of February, 1973.

(4917)

10



## THE MINISTRY OF EDUCATION ACT

## O. Reg. 80/73.

General Legislative Grants.

Made—February 21st, 1973.

Approved—February 21st, 1973.

Filed—February 22nd, 1973.

REGULATION MADE UNDER  
THE MINISTRY OF EDUCATION ACT  
GENERAL LEGISLATIVE GRANTS

## INTERPRETATION

1. In this Regulation the following definitions apply:

## DEFINITIONS—GENERAL

1. "adjusted deficit" means the deficit of a board that was dissolved on the 31st day of December, 1968 adjusted to include reserve fund balances and reserves for working funds and further adjusted by relevant financial data included in the report of the arbitrators appointed under section 30 of *The Secondary Schools and Boards of Education Act*, or under section 86 of *The Separate Schools Act*, but does not include any adjustment in respect of a capital asset that was made by arbitrators so appointed;
2. "defined city" means,
  - i. a defined city as set forth in clause *d* of subsection 1 of section 27 of *The Secondary Schools and Boards of Education Act*,
  - ii. the Metropolitan Area as defined in clause *i* of section 1 of *The Municipality of Metropolitan Toronto Act*,
  - iii. the area comprising the cities of Ottawa and Vanier and the Village of Rockcliffe Park;
3. "enlarged board" means a divisional board of education or a district combined separate-school board;
4. "isolate board" means a public-or separate-school board in a territorial district,
  - i. that is not an enlarged board, and
  - ii. that had an enrolment of resident and non-resident pupils on the first school-day of January, 1973, of 300 or fewer;
5. "municipality" means an area listed in Column 1 of Schedule B;

## DEFINITIONS—ENROLMENT

6. "adjusted average daily enrolment for 1973" means the sum of,
  - i. the average daily enrolment for 1973 of resident-internal pupils who are not trainable retarded children,
  - ii. 30 per cent of the difference between the average daily enrolment for 1973 of resident-internal pupils and the average daily enrolment for 1972 of resident-internal pupils, where such average daily enrolment for 1973 is less than such average daily enrolment for 1972, and
  - iii. 150 per cent of the average daily enrolment for 1973 of resident-internal pupils who are trainable retarded children;
7. "cycle" means the number of school-days for which the schedule of classes of a student continues before such schedule is repeated;
8. "elementary-school pupil" means a pupil who is enrolled in an elementary-school and who, as at the beginning of the school year, has completed fewer than 10 credits, or their equivalent, toward the Secondary School Graduation Diploma or a pupil who, during the summer next following the completion of ten such credits, is enrolled in a summer-school program operated by a public- or separate-school board;
9. "enrolment for grant purposes for 1973" means in respect of elementary-school pupils or secondary-school pupils, as the case may be, who are enrolled in regular day-school classes on the last school-day of September, 1972, and
  - i. who are not trainable retarded children, the sum of,
    - a. the number of such pupils who are so enrolled for full-day attendance,
    - b. half the number of such pupils who are so enrolled for half-day or alternate-day attendance, and
    - c. the equivalent full-time enrolment in respect of such pupils who are so enrolled for part-time attendance other than half-day or alternate-day attendance, and
  - ii. who are trainable retarded children, 1.5 times the sum of,

- a. the number of such pupils who are so enrolled for full-day attendance,
  - b. half the number of such pupils who are so enrolled for half-day or alternate-day attendance, and
  - c. the equivalent full-time enrolment in respect of such pupils who are so enrolled for part-time attendance other than half-day or alternate-day attendance;
10. "equivalent full-time enrolment" in respect of a pupil means the quotient obtained by dividing the number of minutes of attendance for which the pupil is enrolled during the cycle that includes the last school-day of September, 1972 by the product of 300 and the number of school-days in such cycle;
11. "non-resident pupil" means a pupil who is enrolled at a school operated by the board and whose fee is receivable from another board, from the Minister, from Canada or from a source outside Ontario;
12. "resident-external pupil" means a pupil whose fee is payable by the board;
13. "resident-internal pupil" means a pupil, other than a non-resident pupil, who is enrolled at a school operated by the board;
14. "trainable retarded child" means a child whose intellectual and physical functioning is below the level at which he could profit from attendance in a special education class for educable retarded children;

## DEFINITIONS—ASSESSMENT AND MILL RATES

15. "assessment" for a year means the sum of,
- i. the residential and farm assessment as defined in clause *b* of section 74 of *The Schools Administration Act*, and
  - ii. the quotient obtained by dividing the commercial assessment as defined in clause *a* of section 74 of *The Schools Administration Act*, by 0.9,
- that is rateable for the purposes of the board, except that reference to the last revised assessment roll in clauses *a* and *b* of the said section 74 shall, for the purposes of this Regulation, be deemed to be reference to the last revised assessment roll used for taxation purposes in the year;
16. "assessment index" for a board means the quotient, correct to five places of decimals, obtained by dividing the assessment per weighted pupil for 1973 by,
- i. \$51,500 in the case of a public-or separate-school board, or
  - ii. \$121,500 in the case of a secondary-school board;
17. "assessment per weighted pupil for 1973" means the integral quotient obtained by dividing the equalized assessment for a board by the product of the enrolment for grant purposes for 1973 of resident-internal pupils and resident-external pupils and the grant weighting factor for 1973 for the board;
18. "equalized assessment for a board" means the sum of the equalized assessments for the municipalities within the jurisdiction of the board;
19. "equalized assessment for a municipality" means the sum, in respect of the municipality, of,
- i. the assessment for 1973, and
  - ii. the equivalent assessment,
- adjusted by the assessment equalization factor for 1973 for the municipality;
20. "equivalent assessment" means, in respect of a municipality, the amount that if levied upon at the rate that is the sum of,
- i. the post-subsidy break-even mill rate for 1969 for the municipality, adjusted by the Ministry where the general level of assessment in the municipality has been raised subsequent to 1969, and
  - ii. the quotient obtained by dividing 150 by the assessment equalization factor for 1973 for the municipality,
- would yield a sum equal to the payment in lieu of taxes for 1973 for the municipality;
21. "payment in lieu of taxes" for a year means, in respect of a municipality, the excess of that portion of the sum required by a board for such year that is apportioned to the municipality, over the sum that, exclusive of adjustments in respect of any previous year, is required to be raised by taxation for such purposes in the municipality;



22. "post-subsidy break-even mill rate for 1969 for a municipality" means the mill rate that, if applied to the assessment for 1969 in the municipality, would provide the pre-subsidy break-even requirement for the municipality in 1969, less the sum of,

i. the payment in lieu of taxes, and

ii. the subsidy,

for 1969 in respect of the municipality;

23. "pre-subsidy break-even requirement for a municipality" means the portion of the pre-subsidy break-even requirement of a board that is apportioned to the municipality;
24. "pre-subsidy break-even requirement of a board" means the sum of the amounts that, if there were no subsidy payable in respect of any municipality within the jurisdiction of the board, would have been requisitioned from such municipalities to provide as at the end of the year neither an increase nor a decrease in the surplus, deficit, or reserves accumulated by the board as at the beginning of the year;
25. "subsidy" for a year means the education mill rate subsidy payable to a board in respect of a municipality for elementary-school purposes or for secondary-school purposes, as the case may be, for the year, and for 1969 includes for secondary-school purposes the grant payable for 1969 for the purpose of reducing by 67 per cent the requisition for secondary-school purposes from a municipality that, immediately prior to the 1st day of January, 1969, was not in a secondary-school district;

#### DEFINITIONS—FACTORS

26. "assessment equalization factor for 1973" means, for a municipality, the equalization factor in Column 2 of Schedule B that is set opposite the name of the municipality in Column 1 of Schedule B;
27. "expenditure weighting factor for 1973" means for a board, the expenditure weighting factor in Column 3 of Schedule A that is set opposite the name of the board in Column 1 of Schedule A;
28. "grant weighting factor for 1973" means for a board, the grant weighting factor in Column 2 of Schedule A that is set opposite the name of the board in Column 1 of Schedule A;

29. "increase in average daily enrolment for French-language instruction" means,

i. for a public-or separate-school board, the sum of,

a. where,

I. a program of French is provided for 20 minutes or more per day for pupils up to and including grade 8 who are not in a school or class where French is the language of instruction,

II. French is the language of instruction in an elementary school or class, except junior kindergarten and kindergarten, or

III. French is the language of instruction in junior kindergarten or kindergarten, .5 times,

the products of the number of resident-internal pupils registered for such instruction or for such program on the date set out in Column 1 and the factor set opposite such date in Column 2 of the following table:

Table

Column 1	Column 2
September 30, 1972	.030
September 28, 1973	.020,

and

b. where a program of French is provided for pupils in grade 9 or 10 who are not in a school or class where French is the language of instruction, the products of the number of resident-internal elementary-school pupils registered for such program on the date set out in Column 1 and the factor set opposite such date in Column 2 of the following table:

Table

Column 1	Column 2
September 30, 1972	.012
September 28, 1973	.008,



ii. for a secondary-school board, the sum of,

- a. where a program of French for English-speaking pupils for which one or more credits are given is provided, the products of the number of resident-internal pupils registered for such program on the date set out in Column 1 and the factor set opposite such date in Column 2 of the following table:

Table	
Column 1	Column 2
September 30, 1972	.006
September 28, 1973	.004,

and

- b. where instruction is given in the French language in a subject other than French referred to in subclause a, the products of the number of resident-internal pupils registered for such instruction in such subject on the date set out in Column 1 and the factor set opposite such date in Column 2 of the following table, except that no pupil shall, for the purposes of this subclause, be included in the number of pupils registered for such instruction in respect of more than five subjects:

Table	
Column 1	Column 2
September 30, 1972	.012
September 28, 1973	.008;

#### DEFINITIONS—ORDINARY EXPENDITURE

30. "expenditure for tuition fees" means the fees payable by a board for instruction purchased for the resident-external pupils of the board, less the pupil accommodation charge in respect of such pupils;

31. "ordinary expenditure for 1973" means the total revenue fund expenditure less the sum of,

- i. revenue fund expenditure for,

- a. the capital element included in rent payable,
- b. transportation of pupils to and from school and from school to school,
- c. board, lodging, and weekly transportation of pupils,
- d. capital appurtenances,
- e. debt charges,
- f. pupil accommodation charges,
- g. tax adjustments,
- h. provisions for a reserve for working funds,
- i. provisions for a reserve fund,
- j. relocation of portable classrooms, and
- k. supplementary expenditure or such portion thereof as the board determines, and

ii. revenue fund revenue from sources other than from,

- a. general legislative grants,
- b. taxes, including subscriptions in lieu of taxes and trailer fees,
- c. the pupil accommodation charges receivable,
- d. the capital element included in rent receivable,
- e. disposal of capital appurtenances,
- f. insurance proceeds in respect of capital appurtenances,
- g. transfers from other funds, except transfers from the capital fund that are designated by the Minister as deductible items,
- h. transfers from provisions for working funds,
- i. accrued interest on debentures at date of sale thereof, and

- j. transportation of pupils to and from school and from school to school;

32. "ordinary expenditure per resident-internal pupil for 1972" means the lesser of,

- i. the ceiling on ordinary expenditure per resident-internal pupil for 1972 as defined in paragraph 34 of section 1 of Ontario Regulation 98/72, and
- ii. the quotient, correct to two places of decimals, obtained by dividing the ordinary expenditure for resident-internal pupils for 1972 as determined under paragraph 37 of section 1 of Ontario Regulation 98/72 by the average daily enrolment for 1972 of resident-internal pupils;

33. "recognized ordinary expenditure for 1973" means the lesser of,

- i. the ordinary expenditure for 1973, and
- ii. the sum of,
  - a. the product of the adjusted average daily enrolment for 1973 and the lesser of,
    - I. the ordinary expenditure per resident-internal pupil for 1972 increased by the product of the expenditure weighting factor for 1973 and \$60 in the case of an elementary-school pupil or \$75 in the case of a secondary-school pupil, and
    - II. the product of the grant weighting factor for 1973 and \$6.30 in the case of an elementary-school pupil or \$1,130 in the case of a secondary-school pupil,
  - b. the product of the increase in average daily enrolment for French-language instruction for 1973 and the lesser of the amounts determined under sub-subclauses I and II of subclause a, and
  - c. the expenditure for tuition fees for 1973;

34. "supplementary expenditure" means an amount that is approved by the Minister and that is not in excess of the sum of,

- i. the net expenditure for the community use of schools,
- ii. the salaries of teachers who are employed solely for the instruction of persons admitted to, and whose services are provided without charge to, a hospital, treatment centre or charitable institution, in respect of which no board has been appointed under subsection 1 of section 12 of *The Public Schools Act* or under section 4 of *The Secondary Schools and Boards of Education Act*,
- iii. the expenditure for medical and dental inspection of pupils provided under paragraph 14 of section 34 of *The Schools Administration Act*,
- iv. the administrative costs of a school board that is not a board as defined in subsection 1 of section 1 of *The Schools Administration Act*,
- v. the portion of the cost of the operation of schools exclusively for deaf or orthopaedic pupils, that is in excess of the sum of,
  - a. the product of the average daily enrolment for 1973 of resident-internal pupils enrolled at such schools and the lesser of the amounts determined under sub-subclauses I and II of subclause a of clause ii of paragraph 33, and
  - b. the tuition fees receivable in respect of non-resident pupils enrolled at such schools, and
- vi. the net expenditure for the transportation of pupils, other than the transportation of pupils to and from school and from school to school;

#### DEFINITIONS—EXTRAORDINARY EXPENDITURE

35. "capital appurtenances" means,

- i. schools,
- ii. additions to schools,
- iii. sites,

- iv. additions to sites,
- v. alterations to schools,
- vi. renovation of schools,
- vii. buildings other than school buildings,
- viii. furniture, machinery and equipment except normal replacements,
- ix. the restoration of insured school property destroyed or damaged, and
- x. vehicles and water craft;

36. "capital element included in rent" for a board means an amount that, in the opinion of the Minister, is equivalent to the portion of the rent attributable to the space demised and not to services and maintenance provided in respect of such space;

37. "extraordinary expenditure for 1973" means the sum of the expenditure from the revenue fund for,

- i. the capital element included in rent payable,
- ii. transportation of pupils to and from school and from school to school,
- iii. board, lodging, and weekly transportation of pupils,
- iv. capital appurtenances,
- v. debt charges,
- vi. pupil accommodation charges,
- vii. relocation of portable classrooms, and
- viii. supplementary expenditure that is not included in ordinary expenditure for 1973,

less the sum of,

- ix. the pupil accommodation charges receivable,
- x. the capital element included in rent receivable,
- xi. revenue from the disposal of capital appurtenances,
- xii. insurance proceeds in respect of capital appurtenances,

xiii. accrued interest on debentures at date of sale thereof, and

xiv. revenue from the transportation of pupils to and from school and from school to school;

38. "pupil accommodation charge" means, in respect of a pupil enrolled in regular day-school classes, the product of \$55 in the case of an elementary-school pupil, or \$110 in the case of a secondary-school pupil, and

i. in the case of a pupil enrolled for full-day attendance, 1,

ii. in the case of a pupil enrolled for half-day or alternate-day attendance, .5, and

iii. in the case of a pupil enrolled for part-time attendance other than half-day or alternate-day attendance, his equivalent full-time enrolment,

such product being adjusted, in the case of a pupil referred to in subsection 2, 3 or 3a of section 72 of *The Schools Administration Act*, in the manner in which the fee for such pupil is adjusted thereunder;

39. "recognized extraordinary expenditure for 1973" means the sum of,

i. the portion approved by the Minister for grant purposes of the expenditure made by a board in 1973 for the transportation of pupils to and from school and from school to school except where the parent or guardian contributed, other than by taxation, to the cost of such transportation,

ii. the portion of the expenditure made by a board in 1973 for board, lodging, and transportation of pupils to school and return once each week, that is not in excess of,

a. \$4.25 per pupil where the distance travelled between the pupil's residence and the school that he attends is 75 miles or less, and

b. \$5 per pupil where the distance travelled between the pupil's residence and the school that he attends is more than 75 miles,

for each school-day for which the pupil is enrolled,



- iii. the portion approved by the Minister for grant purposes of the debt charges payable in 1973 by a board or on its behalf by a municipality or a county,
  - iv. the portion of the capital expenditure from the revenue fund made by a board in 1973 for the purchase of capital appurtenances, that is not in excess of the lesser of,
    - a. the sum calculated at one mill in the dollar upon the equalized assessment for the board, and
    - b. the sum of,
      - I. the excess of,
        - A. the portion approved by the Minister for grant purposes of capital expenditure from the revenue fund in 1973 for the purchase of capital appurtenances,
      - over,
      - B. the portion of the revenue in 1973, designated by the Minister as deductible for grant purposes, from the disposal of capital appurtenances or from insurance proceeds in respect of capital appurtenances, and
    - II. the portion of capital expenditure from the revenue fund in 1973 for the purchase of furniture and equipment, that is not included in the amount approved by the Minister for grant purposes and that is not in excess of the product of,
      - A. \$5 in the case of an elementary-school pupil, or \$6 in the case of a secondary-school pupil,
      - B. the grant weighting factor for 1973, and
- C. the sum of the average daily enrolment for 1973 of resident-internal pupils who are not trainable retarded children, 150 per cent of the average daily enrolment for 1973 of resident-internal pupils who are trainable retarded children, and the increase in average daily enrolment for French-language instruction for 1973,
- v. the portion of the capital element included in rent payable in 1973 for accommodation for instructional purposes that is not in excess of the product of,
  - a. the quotient obtained by dividing the pupil accommodation charge by 200, and
  - b. the sum of the rental days in respect of all pupils for whom accommodation is rented by the board,
- vi. the pupil accommodation charge payable in 1973, and
- vii. the portion of the expenditure in 1973 for the relocation of a portable classroom that is not in excess of \$2,000, where such relocation has been approved by the Minister,
- less the sum of,
- viii. the pupil accommodation charge receivable in 1973, and
  - ix. the portion of the capital element included in rent receivable in 1973 for accommodation for instructional purposes that is the product of,
    - a. the quotient obtained by dividing the pupil accommodation charge by 200, and
    - b. the sum of the rental days in respect of all pupils for whom accommodation is rented from the board;
40. "rental days" in respect of a pupil means the sum of,
- i. the number of school-days for which accommodation for instructional

purposes is rented in respect of the pupil for 5 or more hours per day, and

- ii. where accommodation for instructional purposes is rented for fewer than 5 hours per day, the product obtained by multiplying the number of school-days for which such accommodation is rented in respect of the pupil by one-fifth of the average number of hours per day for which the accommodation is rented,

adjusted as determined by the Minister.

2. Ordinary expenditure, recognized ordinary expenditure and recognized extraordinary expenditure shall be subject to the approval of the Minister.

3. For the purposes of this Regulation, The Metropolitan Toronto School Board and the boards of education as provided in section 118 of *The Municipality of Metropolitan Toronto Act* shall be deemed to be one divisional board of education and the area municipalities as provided in section 1 of that Act shall be deemed to be one urban municipality.

4.—(1) The general legislative grants payable under this Regulation shall be calculated for a board of education as though the board were a public-school board and a secondary-school board.

(2) The grant payable in respect of a public-or separate-school board, with the exception of the grant provided under Parts 7 and 8, shall be applied to such elementary-school purposes as the public-or separate-school board considers expedient.

(3) The grant payable in respect of a secondary-school board, with the exception of the grant provided under Parts 7 and 8, shall be applied to such secondary-school purposes as the secondary-school board considers expedient.

#### CONTINGENCIES OF GRANTS

5.—(1) Where a board fails to comply with the Acts administered by the Minister or the Regulations thereunder, the Minister may withhold the whole or any part of a grant payable until the board has taken the action necessary to correct the condition that caused the grant to be withheld.

(2) Where the grant payable under this Regulation is, by reason of error, overpaid, the board shall refund the amount of the overpayment to the Province of Ontario.

(3) Where the grant payable under this Regulation is, by reason of error, underpaid, the amount of the underpayment shall be paid to the board.

(4) Where the grant payable to a board under a previous regulation was either overpaid or underpaid, the overpayment or the underpayment, as the case may be, shall be added to or deducted from the grant payable under this Regulation to the board that has jurisdiction in the area for which the adjustment is necessary.

6.—(1) The calculation and payment of the general legislative grants for public-, separate-and secondary-school boards for the year 1973 shall be made in accordance with this Regulation.

(2) The grant payable under this Regulation shall be paid in the number of instalments and at the times designated by the Minister.

(3) The grant provided by Parts 2, 3, 4, 5, 6 and 7 shall be paid on an estimated basis during 1973, and such adjustments as may be necessary shall be made when the actual financial data and average daily enrolment are available.

(4) Where in any year the amount voted by the Legislature for the grants under this Regulation is insufficient or more than sufficient to pay the grants in full, the Minister may make a *pro rata* reduction or increase, as the case may be.

#### PART 1

##### LIMITATION ON ORDINARY EXPENDITURE

7. The ordinary expenditure for 1973 of a board, other than an isolate board and a board appointed under subsection 1 of section 12 of *The Public Schools Act* or under section 4 of *The Secondary Schools and Boards of Education Act*, shall be limited to the greater of,

(a) the sum of,

- (i) the product of the adjusted average daily enrolment for 1973 and the lesser of,

- a. the ordinary expenditure per resident-internal pupil for 1972 increased by the product of the expenditure weighting factor for 1973 and \$60 in the case of an elementary-school pupil or \$75 in the case of a secondary-school pupil, and

- b. the product of the expenditure weighting factor for 1973 and \$630 in the case of an elementary-school pupil or \$1,130 in the case of a secondary-school pupil,

- (ii) the product of the increase in average daily enrolment for French-language instruction for 1973 and



the lesser of the amounts determined under sub-subclauses a and b of subclause i, and

(iii) the expenditure for tuition fees for 1973; and

(b) the sum of,

(i) the product of the adjusted average daily enrolment for 1973, and

a. in the case of a public-or separate-school board, 103 per cent, and

b. in the case of a secondary-school board, 102 per cent,

of the ordinary expenditure per resident-internal pupil for 1972, and

(ii) the expenditure for tuition fees for 1973.

#### PART 2

##### GRANT FOR RECOGNIZED ORDINARY EXPENDITURE

8. The percentage rate of grant for a board in respect of recognized ordinary expenditure shall be the excess, correct to three places of decimals, of 100 over the product of 36.5 and the assessment index of the board.

9.—(1) A board shall, subject to subsections 2 and 3, be paid a grant upon its recognized ordinary expenditure for 1973 at the percentage rate determined under section 8.

(2) Where, for a board in 1972, the grant for recognized ordinary expenditure was calculated in accordance with subsection 3 of section 10 of Ontario Regulation 98/72, the grant payable to the board under this Part shall be not less than 90 per cent of the product of,

(a) the average daily enrolment for 1973 of resident-internal pupils and resident-external pupils;

(b) the quotient, correct to 2 places of decimals, obtained by dividing the grant for recognized ordinary expenditure for 1972 payable to the board under Part 2 of Ontario Regulation 98/72 by the average daily enrolment for 1972 of resident-internal pupils and resident-external pupils;

(c) the quotient, correct to 5 places of decimals, obtained by dividing the assessment per weighted pupil for 1972 as defined in paragraph 3 of section 1 of Ontario Regulation 98/72 by the assessment per weighted pupil for 1973; and

(d) 1.06186 in the case of a public-or separate-school board, or 1.02966 in the case of a secondary-school board.

(3) The grant payable to a board under this Part shall not exceed the recognized ordinary expenditure for 1973 of the board.

#### PART 3

##### GRANT FOR RECOGNIZED EXTRAORDINARY EXPENDITURE

10. The percentage rates of grant for a board in respect of recognized extraordinary expenditure shall be,

(a) the excess, correct to 3 places of decimals, of 100 over the product of 25 and the assessment index of the board; and

(b) the excess, correct to 3 places of decimals, of 100 over the product of 5 and the assessment index of the board.

11. A board shall be paid a grant at the percentage rate determined,

(a) under clause a of section 10 upon that portion of its recognized extraordinary expenditure for 1973 that does not exceed; and

(b) under clause b of section 10 upon that portion of its recognized extraordinary expenditure for 1973 that is in excess of,

the product of the enrolment for grant purposes for 1973 of resident-internal pupils and resident-external pupils, the grant weighting factor for 1973 for the board, and

(c) \$60 in the case of a public-or separate-school board; or

(d) \$90 in the case of a secondary-school board.

12. The grant arising from a commitment made to a former board in a territorial district, regarding assistance for the acquisition of class-room accommodation following the enlargement of its area or following an agreement to provide education for a board that had ceased to operate its schools, shall be calculated under the provisions of the Regulation that was applicable in respect of the year in which the commitment was made and be paid to the board that assumed or had jurisdiction in 1973 over the area of the board to which the commitment was made.



## PART 4

## SPECIAL ASSISTANCE IN RESPECT OF DEBENTURES

13. A board shall be paid, in addition to any other grant payable under this Regulation, a sum equal to the excess of,

- (a) the portion that is not approved by the Minister for grant purposes of the debt charges payable in 1973 in respect of debentures issued by the board or on its behalf before the 1st day of January, 1970,

over,

- (b) the sum calculated at .75 mills in the dollar upon the equalized assessment for the board.

## PART 5

## BOARDS ON TAX-EXEMPT LAND

14.—(1) This Part applies to boards appointed under subsection 1 of section 12 of *The Public Schools Act* or under section 4 of *The Secondary Schools and Boards of Education Act*, and Parts 2, 3 and 4 do not apply to such boards.

(2) In this Part, "cost of operating" means the total revenue fund expenditure less the sum of,

- (a) revenue fund expenditure for,
  - (i) debt charges,
  - (ii) capital appurtenances,
  - (iii) rentals,
  - (iv) provisions for a reserve for working funds,
  - (v) provisions for a reserve fund, and
  - (vi) pupil accommodation charges; and
- (b) revenue fund revenue from sources other than from,
  - (i) general legislative grants,
  - (ii) the organization for which the board was established, and
  - (iii) refunds of expenditure, no part of which is eligible for grant; and
- (c) the excess of revenue fund expenditure for,
  - (i) transportation of pupils, and
  - (ii) board, lodging, and weekly transportation of pupils,

over, in each case, the amount approved by the Minister for such purposes.

15.—(1) A board to which this Part applies, other than a board that operates a school in a sanatorium, a hospital, a crippled children's treatment centre or a centre for the treatment of cerebral palsy, shall be paid a grant of 50 per cent of its cost of operating for the current year.

(2) Where a board to which this Part applies operates a school in a sanatorium, a hospital, a crippled children's treatment centre or a centre for the treatment of cerebral palsy, it shall be paid a grant of,

- (a) 80 per cent of the instructional salaries for the current year;
- (b) 80 per cent of the expenditure for the current year approved by the Minister for grant purposes for,
  - (i) transportation of pupils, and
  - (ii) board, lodging, and weekly transportation of pupils; and
- (c) 50 per cent of the excess of,

- (i) the sum of the cost of operating for the current year and the revenue fund revenue for the current year referred to in clause b of subsection 2 of section 14,

over,

- (ii) revenue fund expenditure for the current year for,
  - a. instructional salaries, and
  - b. the portion that is approved by the Minister for grant purposes of the expenditure for,
    - I. transportation of pupils, and
    - II. board, lodging, and weekly transportation of pupils.

## PART 6

## ISOLATE BOARDS

16. The grant payable to an isolate board under this Regulation shall be made only under the provisions of this Part.

17. In this Part,

- (a) "district municipality" means,

(i) a district municipality, as defined in clause *e* of subsection 1 of section 27 of *The Secondary Schools and Boards of Education Act*, that is under the jurisdiction of an enlarged board, and

(ii) part of territory without municipal organization that is deemed a district municipality under subsection 4 of section 27 of *The Secondary Schools and Boards of Education Act* or under subsection 3 of section 80 of *The Separate Schools Act*, and that is under the jurisdiction of an enlarged board;

(b) "non-district municipality" means an area that is under the jurisdiction of an isolate board and that is not a district municipality.

18. An isolate board shall be paid a grant equal to the excess of,

(a) net revenue fund expenditure that is acceptable to the Minister for grant purposes,

over,

(b) the sum of the products obtained by multiplying for each district municipality or part thereof and non-district municipality in the jurisdiction of the isolate board,

(i) the quotient obtained by dividing the assessment from which the board receives support in 1973 adjusted by the assessment equalization factor for 1973, by 1,000, and

(ii) in the case of a non-district municipality, 7, or in the case of a district municipality or part thereof, the number representing the mill rate on equalized assessment for public-or separate-school purposes, as the case may be, for the enlarged board in the district municipality.

#### PART 7

#### EDUCATION MILL RATE SUBSIDY

19.—(1) In this Part,

(a) "post-subsidy break-even mill rate for 1969 for a predecessor-board area" means the mill rate determined for the predecessor-board area in the same manner as the post-subsidy break-even mill rate for 1969 for a municipality is determined, except that the assessment, pre-subsidy break-

even requirement, payment in lieu of taxes and subsidy, that are used in the determination, are in respect of the predecessor-board area;

(b) "predecessor-board area" for public-, secondary-or separate-school purposes means a municipality or part thereof that in the year 1968,

(i) was within the area of jurisdiction of one public-, secondary-or separate-school board, as the case may be, or

(ii) was not within the area of jurisdiction of a public-, secondary-or separate-school board, as the case may be;

(c) "subsidizable expenditure" means revenue fund expenditure in 1973 that is not in excess of the sum of,

(i) the recognized ordinary expenditure for 1973,

(ii) the extraordinary expenditure for 1973 that is not in excess of the sum of,

a. recognized extraordinary expenditure for 1973,

b. the portion of debt charges payable in 1973 that is not included in recognized extraordinary expenditure and that is in respect of debentures sold,

I. on or before the 31st day of March, 1973, and

II. after the 31st day of March, 1973 where the debentures are authorized by the Minister, and

c. the lesser of,

I. the sum of unapproved net transportation expenditure, unrecognized expenditure for board, lodging, and weekly transportation of pupils, and unapproved net capital expenditure from the revenue fund, and

II. the product of the expenditure weighting factor for 1973 for the board, \$10 in the case of a public-or separate-



school board or \$15 in the case of a secondary-school board, and the sum of,

A. the average daily enrolment for 1973 of resident-internal pupils who are not trainable retarded children, and

B. 150 per cent of the average daily enrolment for 1973 of resident-internal pupils who are trainable retarded children, and

(iii) tax write-offs and adjustments,

less the sum of,

(iv) taxes receivable in 1973 under section 43 of *The Assessment Act*,

(v) transfers from the capital fund that are not designated by the Minister as deductible items, and

(vi) accrued interest on debentures at date of sale thereof;

(d) "subsidizable requirement of a board" means subsidizable expenditure decreased by general legislative grants exclusive of both subsidy and any grant payable to the board under Part 8;

(e) "subsidizable requirement for a predecessor-board area" means the portion of the subsidizable requirement of the board that is apportioned to the predecessor-board area for 1973, less the portion of the payment in lieu of taxes for 1973 for the municipality that is apportioned to the predecessor-board area, the apportionment in each case being made, in the case of a divisional board, in the same manner as the sum required by the divisional board is apportioned under Ontario Regulation 81/73, and, in the case of a separate-school board, in a manner acceptable to the Minister.

20.—(1) Except in respect of a defined city or a part thereof, a board, other than an isolate board or a board to which Part 5 applies, shall be paid on behalf of each predecessor-board area that is within its area of jurisdiction, a subsidy equal to the excess of,

(a) the subsidizable requirement for the predecessor-board area,

over,

(b) the sum calculated at the mill rate that is the lesser of,

(i) the sum of,

a. the post-subsidy break-even mill rate for 1969 for the predecessor-board area, adjusted by the Ministry where the general level of assessment in the municipality in which the predecessor-board area is located has been raised subsequent to 1969, and

b. the quotient obtained by dividing 350 by the assessment equalization factor for 1973 for the municipality in which the predecessor-board area is located, and

(ii) the sum of,

a. the post-subsidy break-even mill rate for 1969 for the municipality in which the predecessor-board area is located, adjusted by the Ministry where the general level of assessment in the municipality has been raised subsequent to 1969, and

b. the quotient obtained by dividing 150 by the assessment equalization factor for 1973 for the municipality in which the predecessor-board area is located,

upon the assessment for 1973 in the predecessor-board area.

(2) Where a municipality or a predecessor-board area did not have a post-subsidy break-even mill rate for 1969, or where the post-subsidy break-even mill rate for 1969 for a municipality or a predecessor-board area was less than the quotient obtained by dividing 100 by the assessment equalization factor for 1973 for the municipality, such quotient shall be used in clause *b* of subsection 1 in lieu of the post-subsidy break-even mill rate for 1969 for the municipality or for the predecessor-board area, as the case may be.

(3) Notwithstanding subsection 2, in determining under subsection 1 the subsidy for a predecessor-board area for separate-school purposes in which, in 1968, property was rateable for public-school purposes but not for separate-school purposes, the post-subsidy break-even mill rate for 1969 for public-school purposes shall be used in clause *b* of subsection



1 in lieu of the post-subsidy break-even mill rate for 1969 for separate-school purposes.

(4) Notwithstanding subsection 2, in determining under subsection 1 the subsidy for a predecessor-board area for public-school purposes in which, in 1968, property was rateable for separate-school purposes but not for public-school purposes, the post-subsidy break-even mill rate for 1969 for separate-school purposes shall be used in clause *b* of subsection 1 in lieu of the post-subsidy break-even mill rate for 1969 for public-school purposes.

21. The grant payable under this Part shall be applied by the board to reduce the levy from the predecessor-board area on whose behalf it is payable.

#### PART 8

##### ASSISTANCE IN RESPECT OF ADJUSTED DEFICITS

22.—(1) A divisional board of education or a county or district combined separate-school board

shall be paid in 1973 a sum equal to  $33\frac{1}{3}$  per cent of the adjusted deficits, as at the 31st day of December, 1968, of the predecessor-boards, excluding from such adjusted deficits adjustments to achieve uniformity in accounting for instructional salaries, and such sum shall be applied by the board to reduce the adjusted deficits chargeable to the municipalities or parts comprising the jurisdictions of the predecessor boards.

(2) For the purpose of this Part,

- (a) the amounts of the adjusted deficits referred to in subsection 1 and any alterations thereto shall be as determined by the Minister; and
- (b) predecessor board means a board that was dissolved on the 31st day of December, 1968, and whose area became part of the jurisdiction of the divisional board of education or of the county or district combined separate-school board.

THOMAS L. WELLS  
*Minister of Education*

Dated at Toronto, this 21st day of February, 1973.

## SCHEDULE A

## THE MINISTRY OF EDUCATION ACT

## GRANT WEIGHTING FACTORS FOR 1973

## EXPENDITURE WEIGHTING FACTORS FOR 1973

## DIVISIONAL BOARDS OF EDUCATION

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Atikokan Board of Education		
Elementary Schools.....	1.124	1.164
Secondary Schools.....	1.092	1.132
Brant County Board of Education		
Elementary Schools.....	1.023	1.023
Secondary Schools.....	1.008	1.030
Bruce County Board of Education		
Elementary Schools.....	1.021	1.061
Secondary Schools.....	1.002	1.004
Carleton Board of Education		
Elementary Schools.....	1.030	1.056
Secondary Schools.....	1.023	1.032
Central Algoma Board of Education		
Elementary Schools.....	1.120	1.160
Secondary Schools.....	1.115	1.155
Chapleau Board of Education		
Elementary Schools.....	1.120	1.151
Secondary Schools.....	1.100	1.100
Cochrane-Iroquois Falls Board of Education		
Elementary Schools.....	1.123	1.163
Secondary Schools.....	1.145	1.153
Dryden Board of Education		
Elementary Schools.....	1.105	1.138
Secondary Schools.....	1.084	1.100
Dufferin County Board of Education		
Elementary Schools.....	1.007	1.021
Secondary Schools.....	1.008	1.020
East Parry Sound Board of Education		
Elementary Schools.....	1.098	1.120
Secondary Schools.....	1.090	1.090
Elgin County Board of Education		
Elementary Schools.....	1.031	1.062
Secondary Schools.....	1.023	1.036
Espanola Board of Education		
Elementary Schools.....	1.138	1.161
Secondary Schools.....	1.093	1.129
Essex County Board of Education		
Elementary Schools.....	1.023	1.054
Secondary Schools.....	1.023	1.023

## DIVISIONAL BOARDS OF EDUCATION—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Fort-Frances-Rainy River Board of Education		
Elementary Schools.....	1.130	1.170
Secondary Schools.....	1.090	1.111
Frontenac County Board of Education		
Elementary Schools.....	1.030	1.063
Secondary Schools.....	1.015	1.020
Geraldton Board of Education		
Elementary Schools.....	1.115	1.155
Secondary Schools.....	1.129	1.139
Grey County Board of Education		
Elementary Schools.....	1.023	1.054
Secondary Schools.....	1.011	1.043
Haldimand County Board of Education		
Elementary Schools.....	1.008	1.008
Secondary Schools.....	1.015	1.017
Haliburton County Board of Education		
Elementary Schools.....	1.095	1.103
Secondary Schools.....	1.089	1.089
Halton County Board of Education		
Elementary Schools.....	1.015	1.051
Secondary Schools.....	1.008	1.022
Hamilton Board of Education		
Elementary Schools.....	1.072	1.192
Secondary Schools.....	1.030	1.103
Hastings County Board of Education		
Elementary Schools.....	1.038	1.040
Secondary Schools.....	1.023	1.026
Hearst Board of Education		
Elementary Schools.....	1.125	1.144
Secondary Schools.....	1.170	1.170
Hornepayne Board of Education		
Elementary Schools.....	1.130	1.164
Secondary Schools.....	1.131	1.131
Huron County Board of Education		
Elementary Schools.....	1.000	1.003
Secondary Schools.....	1.008	1.016
Kapuskasing Board of Education		
Elementary Schools.....	1.129	1.169
Secondary Schools.....	1.098	1.138
Kenora Board of Education		
Elementary Schools.....	1.143	1.183
Secondary Schools.....	1.082	1.107



## DIVISIONAL BOARDS OF EDUCATION—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Kent County Board of Education		
Elementary Schools.....	1.018	1.046
Secondary Schools.....	1.008	1.033
Kirkland Lake Board of Education		
Elementary Schools.....	1.134	1.156
Secondary Schools.....	1.090	1.123
Lakehead Board of Education		
Elementary Schools.....	1.098	1.136
Secondary Schools.....	1.082	1.100
Lake Superior Board of Education		
Elementary Schools.....	1.121	1.161
Secondary Schools.....	1.120	1.143
Lambton County Board of Education		
Elementary Schools.....	1.014	1.036
Secondary Schools.....	1.033	1.042
Lanark County Board of Education		
Elementary Schools.....	1.029	1.062
Secondary Schools.....	1.030	1.034
Leeds and Grenville County Board of Education		
Elementary Schools.....	1.019	1.019
Secondary Schools.....	1.024	1.034
Lennox and Addington County Board of Education		
Elementary Schools.....	1.032	1.037
Secondary Schools.....	1.008	1.008
Lincoln County Board of Education		
Elementary Schools.....	1.028	1.068
Secondary Schools.....	1.005	1.045
London Board of Education		
Elementary Schools.....	1.038	1.120
Secondary Schools.....	1.030	1.087
Manitoulin Board of Education		
Elementary Schools.....	1.147	1.157
Secondary Schools.....	1.119	1.119
Metropolitan Toronto School Board		
Elementary Schools.....	1.085	1.225
Secondary Schools.....	1.051	1.121
Michipicoten Board of Education		
Elementary Schools.....	1.106	1.106
Secondary Schools.....	1.243	1.243
Middlesex County Board of Education		
Elementary Schools.....	1.015	1.017
Secondary Schools.....	1.008	1.028

## DIVISIONAL BOARDS OF EDUCATION—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Muskoka Board of Education		
Elementary Schools.....	1.064	1.095
Secondary Schools.....	1.068	1.068
Niagara South Board of Education		
Elementary Schools.....	1.035	1.075
Secondary Schools.....	1.023	1.056
Nipigon-Red Rock Board of Education		
Elementary Schools.....	1.118	1.138
Secondary Schools.....	1.112	1.144
Nipissing Board of Education		
Elementary Schools.....	1.098	1.138
Secondary Schools.....	1.088	1.122
Norfolk County Board of Education		
Elementary Schools.....	1.031	1.039
Secondary Schools.....	1.023	1.035
North Shore Board of Education		
Elementary Schools.....	1.130	1.170
Secondary Schools.....	1.123	1.143
Northumberland and Durham County Board of Education		
Elementary Schools.....	1.015	1.015
Secondary Schools.....	1.004	1.005
Ontario County Board of Education		
Elementary Schools.....	1.022	1.022
Secondary Schools.....	1.012	1.017
Ottawa Board of Education		
Elementary Schools.....	1.063	1.203
Secondary Schools.....	1.036	1.115
Oxford County Board of Education		
Elementary Schools.....	1.011	1.024
Secondary Schools.....	1.004	1.039
Peel County Board of Education		
Elementary Schools.....	1.015	1.053
Secondary Schools.....	1.000	1.034
Perth County Board of Education		
Elementary Schools.....	1.021	1.034
Secondary Schools.....	1.005	1.026
Peterborough County Board of Education		
Elementary Schools.....	1.020	1.033
Secondary Schools.....	1.008	1.017
Prescott and Russell County Board of Education		
Elementary Schools.....	1.030	1.055
Secondary Schools.....	1.010	1.010

## DIVISIONAL BOARDS OF EDUCATION—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Prince Edward County Board of Education		
Elementary Schools.....	1.042	1.042
Secondary Schools.....	1.015	1.015
Red Lake Board of Education		
Elementary Schools.....	1.136	1.164
Secondary Schools.....	1.115	1.115
Renfrew County Board of Education		
Elementary Schools.....	1.045	1.062
Secondary Schools.....	1.030	1.034
Sault Ste. Marie Board of Education		
Elementary Schools.....	1.083	1.123
Secondary Schools.....	1.075	1.100
Simcoe County Board of Education		
Elementary Schools.....	1.015	1.048
Secondary Schools.....	1.013	1.036
Stormont, Dundas and Glengarry County Board of Education		
Elementary Schools.....	1.026	1.056
Secondary Schools.....	1.016	1.024
Sudbury Board of Education		
Elementary Schools.....	1.090	1.130
Secondary Schools.....	1.075	1.075
Timiskaming Board of Education		
Elementary Schools.....	1.092	1.112
Secondary Schools.....	1.074	1.076
Timmins Board of Education		
Elementary Schools.....	1.120	1.160
Secondary Schools.....	1.090	1.106
Victoria County Board of Education		
Elementary Schools.....	1.030	1.040
Secondary Schools.....	1.015	1.026
Waterloo County Board of Education		
Elementary Schools.....	1.039	1.049
Secondary Schools.....	1.015	1.028
Wellington County Board of Education		
Elementary Schools.....	1.015	1.037
Secondary Schools.....	1.007	1.019
Wentworth County Board of Education		
Elementary Schools.....	1.015	1.034
Secondary Schools.....	1.002	1.034
West Parry Sound Board of Education		
Elementary Schools.....	1.090	1.130
Secondary Schools.....	1.068	1.108



## DIVISIONAL BOARDS OF EDUCATION—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Windsor Board of Education		
Elementary Schools.....	1.074	1.174
Secondary Schools.....	1.031	1.098
York County Board of Education		
Elementary Schools.....	1.023	1.059
Secondary Schools.....	1.006	1.040
PROTESTANT SEPARATE-SCHOOL BOARDS		
Protestant Separate-School Board of the Township of Grattan.....	1.030	1.030
Protestant Separate-School Board of the Township of Penetanguishene.....	1.030	1.030

COUNTY AND DISTRICT COMBINED ROMAN CATHOLIC  
SEPARATE-SCHOOL BOARDS

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Brant County RCSS Board.....	1.003	1.003
Bruce-Grey County RCSS Board.....	1.016	1.016
Carleton RCSS Board.....	1.038	1.038
Cochrane-Iroquois Falls District RCSS Board.....	1.108	1.108
Dryden District RCSS Board.....	1.138	1.163
Dufferin-Peel County RCSS Board.....	1.015	1.020
Elgin County RCSS Board.....	1.024	1.024
Essex County RCSS Board.....	1.000	1.028
Fort Frances-Rainy River District RCSS Board.....	1.128	1.128
Frontenac-Lennox and Addington County RCSS Board.....	1.021	1.027
Geraldton District RCSS Board.....	1.121	1.151
Haldimand-Norfolk County RCSS Board.....	1.027	1.027
Halton County RCSS Board.....	1.000	1.000
Hastings-Prince Edward County RCSS Board.....	1.033	1.033

COUNTY AND DISTRICT COMBINED ROMAN CATHOLIC  
SEPARATE-SCHOOL BOARDS—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Hearst District RCSS Board.....	1.110	1.129
Huron-Perth County RCSS Board.....	1.000	1.000
Kapuskasing District RCSS Board.....	1.090	1.107
Kenora District RCSS Board.....	1.123	1.125
Kent County RCSS Board.....	1.000	1.016
Kirkland Lake District RCSS Board.....	1.105	1.105
Lakehead District RCSS Board.....	1.083	1.097
Lambton County RCSS Board.....	1.008	1.013
Lanark-Leeds and Grenville County RCSS Board.....	1.000	1.000
Lincoln County RCSS Board.....	1.000	1.005
London and Middlesex County RCSS Board.....	1.032	1.095
Metropolitan Separate School Board.....	1.050	1.190
Michipicoten District RCSS Board.....	1.130	1.130
Nipigon-Red Rock District RCSS Board.....	1.120	1.158
Nipissing District RCSS Board.....	1.075	1.103
North Shore District RCSS Board.....	1.090	1.115
Ontario County RCSS Board.....	1.008	1.010
Ottawa RCSS Board.....	1.055	1.166
Oxford County RCSS Board.....	1.010	1.010
Peterborough-Victoria-Northumberland and Durham County RCSS Board.....	1.030	1.030
Prescott and Russell County RCSS Board.....	1.023	1.028
Renfrew County RCSS Board.....	1.030	1.030
Sault Ste. Marie District RCSS Board.....	1.075	1.113
Schreiber-Terrace Bay District RCSS Board.....	1.120	1.158
Simcoe County RCSS Board.....	1.017	1.025
Stormont, Dundas and Glengarry County RCSS Board.....	1.027	1.027
Sudbury District RCSS Board.....	1.075	1.106
Timiskaming District RCSS Board.....	1.090	1.090

COUNTY AND DISTRICT COMBINED ROMAN CATHOLIC  
SEPARATE-SCHOOL BOARDS—Continued

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
Timmins District RCSS Board.....	1.105	1.105
Waterloo County RCSS Board.....	1.016	1.016
Welland County RCSS Board.....	1.020	1.033
Wellington County RCSS Board.....	1.000	1.010
Wentworth County RCSS Board.....	1.033	1.103
Windsor RCSS Board.....	1.038	1.138
York County RCSS Board.....	1.003	1.034

CONTINUING SCHOOL BOARDS IN THE TERRITORIAL DISTRICTS  
OTHER THAN BOARDS OF EDUCATION, DISTRICT COMBINED  
SEPARATE SCHOOL BOARDS, OR BOARDS ESTABLISHED UNDER  
SECTION 12 OF THE PUBLIC SCHOOLS ACT

NAME OF BOARD	GRANT WEIGHTING FACTOR	EXPENDITURE WEIGHTING FACTOR
Column 1	Column 2	Column 3
No. 1 Atikokan RCSS Board.....	1.110	1.150
RCSS Chapleau, Panet & Township 13G.....	1.100	1.140
Manitouwadge RCSS Board.....	1.120	1.120



## Schedule B

## THE MINISTRY OF EDUCATION ACT

## ASSESSMENT EQUALIZATION FACTORS FOR 1973

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>THE MUNICIPALITY OF METROPOLITAN TORONTO</b>		<b>Villages of:</b>	
METROPOLITAN TORONTO	24.6	RICHMOND	18.4
		ROCKCLIFFE PARK	19.3
		STITTSVILLE	14.73
<b>THE REGIONAL MUNICIPALITY OF NIAGARA</b>		<b>Townships of:</b>	
<b>Cities of:</b>		CUMBERLAND	16.92
NIAGARA FALLS	26.2	FITZROY	17.07
PORT COLBORNE	27.9	GLOUCESTER	18.75
ST. CATHARINES	22.8	GOULBOURN	13.3
WELLAND	24.4	GOWER, NORTH	15.2
<b>Towns of:</b>		HUNTLEY	16.2
FORT ERIE	27.2	MARCH	14.5
GRIMSBY	21.3	MARLBOROUGH	16.3
LINCOLN	18.6	NEPEAN	13.71
NIAGARA-ON-THE-LAKE	17.1	OSGOODE	16.32
PELHAM	20.3	TORBOLTON	16.41
THOROLD	21.6		
<b>Townships of:</b>		<b>THE REGIONAL MUNICIPALITY OF WATERLOO</b>	
WAINFLEET	24.7	<b>Cities of:</b>	
WEST LINCOLN	18.9	CAMBRIDGE CITY:	
		Galt City	24.20
		Hespeler Town	86.70
		Preston Town	90.40
		North Dumfries Township (portion)	15.48
		Waterloo Township (portion)	15.40
<b>THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON</b>		KITCHENER CITY:	
<b>Cities of:</b>		Kitchener City	28.20
OTTAWA	31.4	Bridgeport Village	93.50
VANIER	29.85	Waterloo City (portion)	26.60
		Waterloo Township (portion)	15.40
		WATERLOO CITY:	
		Waterloo City (portion)	26.60
		Waterloo Township (portion)	15.40

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>NORTH DUMFRIES TOWNSHIP:</b>		<b>COUNTY OF BRUCE</b>	
North Dumfries (portion)	15.48		
Beverly Township (portion)	18.30		
Ayr Village	89.96		
<b>WILMOT TOWNSHIP:</b>		<b>Towns of:</b>	
Wilmot Township	14.82	CHESLEY	25.44
New Hamburg Town	95.77	KINCARDINE	21.39
<b>WELLESLEY TOWNSHIP:</b>		PORT ELGIN	85.4
Wellesley Township	16.70	SOUTHAMPTON	76.73
Wellesley Village	90.40	WALKERTON	19.7
<b>WOOLWICH TOWNSHIP:</b>		WIARTON	20.82
Woolwich Township	14.79		
Elmira Town	92.50	<b>Villages of:</b>	
Waterloo Township (portion)	15.40	HEPWORTH	86.0
<b>THE REGIONAL MUNICIPALITY OF YORK</b>		LION'S HEAD	17.9
		LUCKNOW	21.9
<b>Towns of:</b>		MILDMAY	20.37
AURORA	77.25	PAISLEY	30.15
MARKHAM	82.63	RIPLEY	86.9
NEWMARKET	76.38	TARA	23.8
RICHMOND HILL	78.16	TEESWATER	96.78
VAUGHAN	84.94	TIVERTON	27.45
WHITCHURCH-STOUFFVILLE	76.66		
<b>Townships of:</b>		<b>Townships of:</b>	
GEORGINA	82.17	ALBEMARLE	12.8
GWILLIMBURY EAST	76.96	AMABEL	92.25
KING	70.33	ARRAN	26.43
<b>COUNTY OF BRANT</b>		BRANT	22.4
		BRUCE	90.44
<b>City of:</b>		CARRICK	25.1
BRANTFORD	34.0	CULROSS	22.77
<b>Town of:</b>		EASTNOR	14.10
PARIS	24.3	ELDELSLIE	28.59
<b>Townships of:</b>		GREENOCK	28.53
BRANTFORD	20.3		
BURFORD	18.9		
DUMFRIES, SOUTH	18.8		
OAKLAND	21.4		
ONONDAGA	17.04		

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
HURON	19.6	<b>Villages of:</b>	
KINCARDINE	22.3	BELMONT	20.04
KINLOSS	30.2	DUTTON	25.65
LINDSAY	12.84	PORT BURWELL	21.87
ST. EDMUNDS	10.8	PORT STANLEY	22.89
SAUGEEEN	82.8	RODNEY	23.04
		SPRINGFIELD	24.27
		VIENNA	29.6
		WEST LORNE	22.5
<b>COUNTY OF DUFFERIN</b>		<b>Townships of:</b>	
<b>Town of:</b>		ALDBOROUGH	16.86
ORANGEVILLE	15.66	BAYHAM	17.67
<b>Villages of:</b>		DORCHESTER, SOUTH	19.35
GRAND VALLEY	86.28	DUNWICH	23.5
SHELBURNE	87.91	MALAHIDE	18.2
<b>Townships of</b>		SOUTHWOLD	20.13
AMARANTH	100.00	YARMOUTH	18.33
GARAFRAXA, EAST	100.00		
LUTHER, EAST	16.56	<b>COUNTY OF ESSEX</b>	
MELANCTHON	15.30		
MONO	11.95	<b>City of:</b>	
MULMUR	13.41	WINDSOR	46.29
		<b>Towns of:</b>	
<b>COUNTY OF ELGIN</b>		AMHERSTBURG	88.9
<b>City of:</b>		BELLE RIVER	13.11
ST. THOMAS	29.01	ESSEX	16.2
<b>Town of:</b>		HARROW	14.01
AYLMER	24.9	KINGSVILLE	91.0
		LEAMINGTON	97.0
		TECUMSEH	12.81





Municipality Column 1	Equalization Factor Column 2
DERBY	20.31
EGREMONT	21.72
EUPHRASIA	18.15
GLENELG	17.58
HOLLAND	21.72
KEPPEL	18.33
NORMANBY	21.84
OSPREY	18.24
PROTON	21.5
SAINT VINCENT	18.7
SARAWAK	16.95
SULLIVAN	24.1
SYDENHAM	20.40

**COUNTY OF HALDIMAND****Towns of:**

CALEDONIA	82.60
DUNNVILLE	23.04

**Villages of:**

CAYUGA	85.16
HAGERSVILLE	100.00
JARVIS	100.00

**Townships of:**

CANBOROUGH	19.20
CAYUGA, NORTH	18.75
CAYUGA, SOUTH	13.02
DUNN	20.19
MOULTON	19.17
ONEIDA	17.97

Municipality Column 1	Equalization Factor Column 2.
RAINHAM	20.31
SENECA	17.07
SHERBROOKE	24.8
WALPOLE	18.69

**PROVISIONAL COUNTY OF HALIBURTON****Townships of:**

ANSON, HINDON AND MINDEN	8.21
CARDIFF	19.2
DYSART ET AL	9.22
GLAMORGAN	3.25
LUTTERWORTH	3.50
MONMOUTH	4.15
SHERBORNE, etc.	6.84
SNOWDON	3.11
STANHOPE	5.53

**Improvement District of:**

BICROFT	40.44
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**COUNTY OF HALTON****Towns of:**

ACTON	22.65
BURLINGTON	27.2
GEORGETOWN	28.53
MILTON	23.88
OAKVILLE	27.9

**Townships of:**

ESQUESING	23.2
NASSAGAWEYA	18.4

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>COUNTY OF HASTINGS</b>			
<b>City of:</b>		RAWDON	20.28
BELLEVILLE	55.30	SIDNEY	15.24
<b>Separated Town of:</b>		THURLOW	15.72
TRENTON	23.52	TUDOR & CASHEL	8.66
<b>Town of:</b>		TYENDINAGA	23.37
DESORONTO	21.93	WOLLASTON	8.31
<b>Villages of:</b>		<b>COUNTY OF HURON</b>	
BANCROFT	16.26	<b>Towns of:</b>	
DELORO	23.3	CLINTON	21.2
FRANKFORD	15.9	EXETER	20.07
MADOC	100.00	GODERICH	18.90
MARMORA	20.97	SEAFORTH	24.27
STIRLING	101.0	WINGHAM	19.86
TWEED	21.9	<b>Villages of:</b>	
<b>Townships of:</b>		BAYFIELD	16.0
BANGOR, etc.	8.89	BLYTH	23.31
CARLOW	15.63	BRUSSELS	22.38
DUNGANNON	14.52	HENSALL	23.9
ELZEVIR AND GRIMSTHORPE	15.69	ZURICH	20.28
FARADAY	9.39	<b>Townships of:</b>	
HERSCHEL	7.92	ASHFIELD	20.16
HUNGERFORD	14.40	COLBORNE	20.52
HUNTINGDON	19.3	GODERICH	21.9
LIMERICK	8.64	GREY	25.02
MADOC	19.14	HAY	17.2
MARMORA & LAKE	13.35	HOWICK	24.78
MAYO	18.54	HULLETT	25.2
MONTEAGLE	11.16	McKILLOP	24.1



Municipality Column 1	Equalization Factor Column 2
MORRIS	27.6
STANLEY	19.5
STEPHEN	21.0
TUCKERSMITH	23.1
TURNBERRY	24.75
USBORNE	23.9
WAWANOSH, EAST	23.2
WAWANOSH, WEST	30.1

## COUNTY OF KENT

## City of:

CHATHAM	28.2
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## Towns of:

BLENHEIM	90.1
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BOTHWELL	28.6
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DRESDEN	24.5
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RIDGETOWN	101.4
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TILBURY	90.5
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WALLACEBURG	26.3
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## Villages of:

ERIEAU	18.1
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ERIE BEACH	79.1
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HIGHGATE	25.23
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THAMESVILLE	96.25
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WHEATLEY	86.40
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## Townships of:

CAMDEN	16.1
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CHATHAM	14.7
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DOVER	14.8
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Municipality Column 1	Equalization Factor Column 2
HARWICH	16.8
HOWARD	17.4
ORFORD	19.11
RALEIGH	16.5
ROMNEY	15.7
TILBURY EAST	14.3
ZONE	15.0

## COUNTY OF LAMBTON

## City of:

SARNIA	46.83
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## Towns of:

FOREST	33.8
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PETROLIA	100.9
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## Villages of:

ALVINSTON	27.3
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ARKONA	26.28
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COURTRIGHT	95.84
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GRAND BEND	18.51
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OIL SPRINGS	87.96
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POINT EDWARD	21.42
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THEDFORD	30.3
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WATFORD	23.28
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WYOMING	97.13
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## Townships of:

BOSANQUET	16.98
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BROOKE	23.2
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DAWN	18.7
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ENNISKILLEN	17.40
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Municipality Column 1	Equalization Factor Column 2
EUPHEMIA	21.5
MOORE	19.5
PLYMPTON	16.2
SARNIA	13.98
SOMBRA	17.2
WARWICK	18.18

### COUNTY OF LANARK

#### Separated Town of:

SMITHS FALLS	31.1
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#### Towns of:

ALMONTE	20.7
CARLETON PLACE	23.4
PERTH	22.59

#### Village of:

LANARK	27.00
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#### Townships of:

BATHURST	20.19
BECKWITH	17.4
BURGESS, NORTH	18.5
DALHOUSIE & NORTH SHERBROOKE	20.7
DARLING	20.85
DRUMMOND	20.7
ELMSLEY, NORTH	17.10
LANARK	22.2
LAVANT	26.4
MONTAGUE	19.8
PAKENHAM	30.0
RAMSAY	19.59
SHERBROOKE, SOUTH	17.9

Municipality Column 1	Equalization Factor Column 2
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### UNITED COUNTIES OF LEEDS AND GRENVILLE

#### City of:

BROCKVILLE	20.2
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#### Separated Towns of:

GANANOQUE	20.88
PRESCOTT	25.9

#### Town of:

KEMPTVILLE	21.03
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#### Villages of:

ATHENS	24.84
CARDINAL	22.1
MERRICKVILLE	35.0
NEWBORO	36.5
WESTPORT	24.45

#### Townships of:

AUGUSTA	23.8
BASTARD & SOUTH BURGESS	22.68
CROSBY, NORTH	17.6
CROSBY, SOUTH	22.9
EDWARDSBURGH	24.03
ELIZABETHTOWN	26.04
ELMSLEY, SOUTH	16.5
ESCOTT, FRONT OF	22.1
GOWER, SOUTH	20.16
KITLEY	30.51
LEEDS & LANSDOWNE, FRONT OF	18.93
LEEDS & LANSDOWNE, REAR OF	23.4
OXFORD (ON RIDEAU)	23.01

Municipality Column 1	Equalization Factor Column 2
WOLFORD	29.9
YONGE, FRONT OF	26.55
YONGE & ESCOTT, REAR OF	19.1

**COUNTY OF LENNOX AND ADDINGTON****Towns of:**

NAPANEE	26.9
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**Villages of:**

BATH	24.1
NEWBURGH	26.01

**Townships of:**

ADOLPHUSTOWN	21.69
AMHERST ISLAND	19.62
CAMDEN EAST	26.8
DENBIGH, ABINGER AND ASHBY	19.17
ERNESTOWN	25.44
FREDERICKSBURGH, NORTH	23.55
FREDERICKSBURGH, SOUTH	22.86
KALADAR, ANGLESEA AND EFFINGHAM	30.90
RICHMOND	25.7
SHEFFIELD	25.35

**COUNTY OF MIDDLESEX****City of:**

LONDON	30.3
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**Towns of:**

PARKHILL	93.50
STRATHROY	23.28

Municipality Column 1	Equalization Factor Column 2
<b>Villages of:</b>	
AILSA CRAIG	86.23
GLENCOE	101.3
LUCAN	83.87
NEWBURY	21.3
WARDSVILLE	23.6

**Townships of:**

ADELAIDE	21.6
BIDDULPH	19.9
CARADOC	18.30
DELAWARE	18.93
DORCHESTER, NORTH	17.8
EKFRID	19.3
LOBO	17.13
LONDON	19.7
MCGILLIVRAY	19.1
METCALFE	18.21
MOSE	16.95
NISSOURI, WEST	18.6
WESTMINSTER	20.3
WILLIAMS, EAST	18.93
WILLIAMS, WEST	26.5

**COUNTY OF NORFOLK****Towns of:**

DELHI	24.3
PORT DOVER	15.96
SIMCOE	19.1
WATERFORD	18.30



Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>Village of:</b>		CAVAN	15.06
PORT ROWAN	20.13	CLARKE	10.26
<b>Townships of:</b>		CRAMAHE	14.61
CHARLOTTEVILLE	16.0	DARLINGTON	11.82
HOUGHTON	17.1	HALDIMAND	13.08
MIDDLETON	15.3	HAMILTON	12.84
TOWNSEND	15.00	HOPE	12.06
WALSINGHAM, NORTH	17.4	MANVERS	12.90
WALSINGHAM, SOUTH	15.9	MONAGHAN, SOUTH	16.14
WINDHAM	16.4	MURRAY	15.51
WOODHOUSE	12.87	PERCY	16.38
		SEYMOUR	14.40
<b>UNITED COUNTIES OF NORTHUMBERLAND &amp; DURHAM</b>		<b>COUNTY OF ONTARIO</b>	
<b>Towns of:</b>		<b>City of:</b>	
BOWMANVILLE	15.99	OSHAWA	43.2
CAMPBELLFORD	16.5	<b>Towns of:</b>	
COBOURG	25.7	AJAX	95.7
PORT HOPE	20.01	UXBRIDGE	17.19
<b>Villages of:</b>		WHITBY	20.46
BRIGHTON	19.5	<b>Villages of:</b>	
COLBORNE	19.86	BEAVERTON	85.2
HASTINGS	21.66	CANNINGTON	88.79
MILLBROOK	20.76	PICKERING	92.48
NEWCASTLE	15.00	PORT PERRY	19.32
<b>Townships of:</b>		<b>Townships of:</b>	
ALNWICK	12.24	BROCK	17.61
BRIGHTON	13.05	MARA	17.16
CARTWRIGHT	10.58	PICKERING	89.44

Municipality Column 1	Equalization Factor Column 2
RAMA	14.01
REACH	15.00
SCOTT	19.32
SCUGOG	17.73
THORAH	16.26
UXBRIDGE	13.8
WHITBY, EAST	23.7

**COUNTY OF OXFORD****City of:**

WOODSTOCK	23.3
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**Separated Town of:**

INGERSOLL	24.09
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**Town of:**

TILLSONBURG	22.23
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**Villages of:**

BEACHVILLE	20.2
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EMBRO	26.22
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NORWICH	26.43
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TAVISTOCK	23.25
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**Townships of:**

BLANDFORD	18.75
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BLENHEIM	18.57
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DEREHAM	19.47
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NISSOURI, EAST	18.63
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NORWICH, NORTH	17.7
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NORWICH, SOUTH	17.25
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OXFORD, EAST	18.1
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OXFORD, NORTH	20.1
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Municipality Column 1	Equalization Factor Column 2
OXFORD, WEST	18.6
ZORRA, EAST	19.77
ZORRA, WEST	19.83

**COUNTY OF PEEL****Towns of:**

BRAMPTON	100.00
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MISSISSAUGA	100.00
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PORT CREDIT	93.8
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STREETSVILLE	97.01
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**Villages of:**

BOLTON	99.90
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CALEDON EAST	94.39
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**Townships of:**

ALBION	89.40
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CALEDON	85.1
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CHINGUACOUSY	94.87
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TORONTO GORE	94.74
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**COUNTY OF PERTH****City of:**

STRATFORD	19.9
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**Separated Town of:**

ST. MARYS	95.1
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**Towns of:**

LISTOWEL	20.4
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MITCHELL	27.9
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Municipality Column 1	Equalization Factor Column 2
<b>Village of:</b>	
MILVERTON	25.2
<b>Townships of:</b>	
BLANSHARD	18.18
DOWNIE	19.8
EASTHOPE, NORTH	17.0
EASTHOPE, SOUTH	19.4
ELLICE	23.1
ELMA	20.8
FULLARTON	23.7
HIBBERT	24.9
LOGAN	22.7
MORNINGTON	19.95
WALLACE	23.3

### COUNTY OF PETERBOROUGH

<b>City of:</b>	
PETERBOROUGH	25.2
<b>Villages of:</b>	
HAVELOCK	31.5
LAKEFIELD	21.45
NORWOOD	24.39
<b>Townships of:</b>	
ASPHODEL	20.4
BELMONT & METHUEN	16.95
BURLEIGH & ANSTRUTHER	100.00
CHANDOS	20.2
DOURO	19.05
DUMMER	23.19

Municipality Column 1	Equalization Factor Column 2
ENNISMORE	100.00
GALWAY & CAVENDISH	12.81
HARVEY	12.36
MONAGHAN, NORTH	10.74
OTONABEE	20.1
SMITH	18.5

### UNITED COUNTIES OF PRESCOTT AND RUSSELL

<b>Towns of:</b>	
HAWKESBURY	25.14
ROCKLAND	24.09
VANKLEEK HILL	94.6
<b>Villages of:</b>	
ALFRED	22.0
CASSELMAN	25.92
L'ORIGNAL	21.5
PLANTAGENET	99.9
ST. ISIDORE DE PRESCOTT	23.52
<b>Townships of:</b>	
ALFRED	26.2
CALEDONIA	27.3
CAMBRIDGE	20.94
CLARENCE	25.0
HAWKESBURY, EAST	25.7
HAWKESBURY, WEST	19.8
LONGUEUIL	22.8
PLANTAGENET, NORTH	25.0
PLANTAGENET, SOUTH	26.01
RUSSELL	25.8



Municipality Column 1	Equalization Factor Column 2
<b>COUNTY OF PRINCE EDWARD</b>	
<b>Town of:</b>	
PICTON	101.5
<b>Villages of:</b>	
BLOOMFIELD	95.2
WELLINGTON	28.2
<b>Townships of:</b>	
AMELIASBURGH	81.12
ATHOL	29.88
HALLOWELL	28.47
HILLIER	27.66
MARYSBURGH, NORTH	23.9
MARYSBURGH, SOUTH	24.36
SOPHIASBURGH	90.0

**COUNTY OF RENFREW**

<b>City of:</b>	
PEMBROKE	25.5
<b>Towns of:</b>	
ARNPRIOR	20.4
DEEP RIVER	23.04
RENFREW	26.2
<b>Villages of:</b>	
BARRY'S BAY	20.5
BEACHBURG	23.61
BRAESIDE	21.42
CHALK RIVER	22.8
COBDEN	23.6

Municipality Column 1	Equalization Factor Column 2
EGANVILLE	22.0
KILLALOE STATION	23.2
PETAWAWA	22.4
<b>Townships of:</b>	
ADMASTON	27.9
ALGONA, NORTH	16.11
ALGONA, SOUTH	17.97
ALICE & FRASER	22.4
BAGOT & BLITHFIELD	17.28
BROMLEY	37.1
BROUGHAM	19.77
BRUDENELL & LYNDONCH	16.35
GRATTAN	22.2
GRIFFITH & MATAWATCHAN	20.0
HAGARTY & RICHARDS	19.6
HEAD, CLARA & MARIA	25.32
HORTON	18.4
McNAB	19.71
PEMBROKE	23.16
PETAWAWA	18.81
RADCLIFFE	12.57
RAGLAN	19.4
ROLPH, BUCHANAN, WYLIE & MCKAY	17.88
ROSS	20.0
SEBASTOPOL	13.62
SHERWOOD, JONES & BURNS	14.79
STAFFORD	23.5
WESTMEATH	28.6
WILBERFORCE	20.43

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>COUNTY OF SIMCOE</b>			
<b>City of:</b>		NOTTAWASAGA	13.53
BARRIE	100.00	ORILLIA	15.48
ORILLIA	26.6	ORO	13.29
<b>Towns of:</b>		SUNNIDALE	100.00
ALLISTON	34.3	TAY	17.91
BRADFORD	103.1	TECUMSETH	14.0
COLLINGWOOD	58.5	TINY	17.49
MIDLAND	30.7	TOSORONTIO	104.0
PENETANGUISHENE	25.5	VESPREA	12.12
STAYNER	100.00		
<b>Villages of:</b>		<b>UNITED COUNTIES OF STORMONT, DUNDAS &amp; GLENGARRY</b>	
BEETON	100.1	<b>City of:</b>	
COLDWATER	99.30	CORNWALL	26.5
COOKSTOWN	18.18	<b>Town of:</b>	
CREEMORE	100.00	ALEXANDRIA	24.1
ELMVALE	85.84	<b>Villages of:</b>	
PORT McNICOLL	93.2	CHESTERVILLE	25.4
TOTTENHAM	100.00	FINCH	36.8
VICTORIA HARBOUR	100.6	IROQUOIS	27.4
WASAGA BEACH	15.93	LANCASTER	33.2
<b>Townships of:</b>		MAXVILLE	30.7
ADJALA	9.85	MORRISBURG	21.66
ESSA	16.7	WINCHESTER	23.9
FLOS	18.00	<b>Townships of:</b>	
GWILLIMBURY, WEST	11.5	CHARLOTTENBURGH	24.5
INNISFIL	13.95	CORNWALL	27.1
MATCHEDASH	9.62	FINCH	32.4
MEDONTE	14.9	KENYON	32.0

Municipality Column 1	Equalization Factor Column 2
LANCASTER	28.4
LOCHIEL	30.75
MATILDA	26.2
MOUNTAIN	26.4
OSNABRUCK	30.99
ROXBOROUGH	33.2
WILLIAMSBURGH	28.41
WINCHESTER	25.26

### COUNTY OF VICTORIA

#### Town of:

LINDSAY	24.9
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#### Villages of:

BOBCAYGEON	100.00
FENELON FALLS	15.6
OMEMEE	23.9
STURGEON POINT	16.44

WOODVILLE	100.00
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#### Townships of:

BEXLEY	6.76
CARDEN	13.02
DALTON	14.55
ELDON	14.16
EMILY	14.8
FENELON	14.37
LAXTON, DIGBY & LONGFORD	7.13
MARIPOSA	17.4
OPS	15.06
SOMERVILLE	7.87
VERULAM	13.8

Municipality Column 1	Equalization Factor Column 2
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### COUNTY OF WELLINGTON

#### City of:

GUELPH	69.96
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#### Towns of:

FERGUS	97.09
HARRISTON	28.4
MOUNT FOREST	21.51
PALMERSTON	27.21

#### Villages of:

ARTHUR	100.00
CLIFFORD	90.76
DRAYTON	81.34
ELORA	86.97
ERIN	83.66

#### Townships of:

ARTHUR	22.92
ERAMOSA	15.18
ERIN	13.12
GARAFRAXA, WEST	16.98
GUELPH	13.65
LUTHER, WEST	21.54
MARYBOROUGH	22.62
MINTO	26.4
NICHOL	15.63
PEEL	18.69
PILKINGTON	16.17
PUSLINCH	12.90



Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
COUNTY OF WENTWORTH		Townships of:	
City of:		ANCASTER	18.3
HAMILTON	27.5	BEVERLY	18.3
Towns of:		BINBROOK	19.1
DUNDAS	19.23	FLAMBOROUGH, EAST	18.90
STONEY CREEK	94.2	FLAMBOROUGH, WEST	18.45
Village of:		GLANFORD	19.8
WATERDOWN	21.69	SALTFLEET	19.59

BOARDS OF EDUCATION  
TERRITORIAL DISTRICTS

ATIKOKAN BOARD OF EDUCATION		MacDonald, Meredith and Aberdeen Additional Township		100.00
Atikokan Township	48.50	Tarbutt and Tarbutt Additional Township		
Asmussen Geographic Township		Aberdeen Geographic Township		
Baker Geographic Township		Bridgland Geographic Township		
Bennett Geographic Township		Galbraith Geographic Township		
Hutchinson Geographic Township		Gould Geographic Township		
McCaul Geographic Township		Haughton Geographic Township		
Tanner Geographic Township		Kirkwood Geographic Township		
Trottier Geographic Township		McMahon Geographic Township		
All the lands described in subpara- graphs iii and iv of paragraph 1 of Schedule 18 of Ontario Regu- lation 793		Morin Geographic Township		
		Rose Geographic Township		
		Wells Geographic Township		
CENTRAL ALGOMA BOARD OF EDUCATION		CHAPLEAU BOARD OF EDUCATION		
Bruce Mines Town	100.00	Chapleau Township	110.90	
Thessalon Town	102.70	Chapleau Geographic Township		
Hilton Beach Village	101.60	de Gaulle Geographic Township		
Hilton Township	101.90	Eisenhower Geographic Township	40.00	
Jocelyn Township	102.60	Halsey Geographic Township	40.00	
Johnson Township		Panet Geographic Township		
Laird Township		Tp. 11H Geographic Township	40.00	
Plummer Additional Township		Tp. 13G Geographic Township	40.00	
St. Joseph Township	100.00	Tp. 22 Geographic Township	40.00	
Thessalon Township				

Municipality Column 1	Equalization Factor Column 2
<b>COCHRANE-IROQUOIS FALLS BOARD OF EDUCATION</b>	
Cochrane Town	99.00
Iroquois Falls Town	100.90
Glackmeyer Township	102.30
Aurora Geographic Township	
Blount Geographic Township	
Brower Geographic Township	100.00
Calder Geographic Township	100.00
Clute Geographic Township	100.00
Colquhoun Geographic Township	100.00
Fournier Geographic Township	
Fox Geographic Township	100.00
Guibord Geographic Township	
Hanna Geographic Township	100.00
Kennedy Geographic Township	100.00
Lamarche Geographic Township	100.00
Leitch Geographic Township	
Munro Geographic Township	
Newmarket Geographic Township	100.00
Ottawa Geographic Township	100.00
Pyne Geographic Township	100.00
St. John Geographic Township	
Teefy Geographic Township	100.00
Black River-Matheson Township:	
Black River-Matheson	102.90
Playfair	100.00
Kingham	97.00

**DRYDEN BOARD OF EDUCATION**

Dryden Town	21.40
Sioux Lookout Town	26.60
Ignace Township	48.70
Machin Township	17.07
Barclay Improvement District	27.90
Aubrey Geographic Township	
Britton Geographic Township	23.00
Drayton Geographic Township:	
Drayton 1	34.00
Vermilion Additional and	
Drayton U1, 2, 1, 1	37.00
Eton Geographic Township	
Hartman Geographic Township	
Ilseley Geographic Township	48.70
Jordan Geographic Township	
Ladysmith Geographic Township	
Melgund Geographic Township	36.00
Mutrie Geographic Township	34.00
Redvers Geographic Township	31.00
Rowell Geographic Township	
Rugby Geographic Township	
Van Horne Geographic Township	23.00

Municipality Column 1	Equalization Factor Column 2
Vermilion Geographic Township	
Vermilion Additional Geographic Township	37.00
Wabigoon Geographic Township	31.00
Wainwright Geographic Township	23.00
Zealand Geographic Township:	
Britton, Wainwright and	
Zealand T.S.A.	23.00
Zealand, Southwold and	
Melgund T.S.A.	36.00
That portion of Block 10 lying south of the production easterly and westerly of the most northerly limit of Drayton Geographic Township	

**EAST PARRY SOUND  
BOARD OF EDUCATION**

Chisholm Township	18.72
Kearney Town	26.70
Powassan Town	100.00
Trout Creek Town	100.00
Burks Falls Village	101.20
Magnetawan Village	95.70
South River Village	100.00
Sundridge Village	99.63
Armour Township	11.00
Chapman Township	17.70
Himsworth North Township	12.00
Himsworth South Township	16.44
Joly Township	13.53
Machar Township	10.14
McMurrich Township	20.61
Nipissing Township	100.00
Perry Township	12.03
Ryerson Township	7.84
Strong Township	100.00
Spence Geographic Township	96.00
Lount Geographic Township:	
Lount	30.00
South River	33.00
Hardy Geographic Township	30.00
Laurier Geographic Township:	
Laurier T.S.A.	30.00
South River T.S.A.	33.00
Bethune Geographic Township:	
Bethune	30.00
Kearney T.S.A.	27.00
Proudfoot Geographic Township:	
Kearney T.S.A.	27.00
Proudfoot	30.00
Croft Geographic Township	96.00
Patterson Geographic Township	30.00

Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
Pringle Geographic Township:		Claxton Geographic Township	
Hardy, Wilson, Mills, McConkey and Pringle T.S.A.	30.00	Dance Geographic Township	14.00
Gurd, Patterson and Pringle T.S.A.	30.00	Dewart Geographic Township	13.00
Monteith Geographic Township:		Menary Geographic Township	
McMurrich	17.00	Miscampbell Geographic Township	8.00
Monteith	30.00	Nelles Geographic Township:	
McConkey Geographic Township	30.00	Nelles T.S.A.	17.00
Gurd Geographic Township:		Sutherland and Nelles U.2, 9	23.00
Himsworth South T.S.A.	16.00	Pratt Geographic Township	
Gurd, Patterson and Pringle	30.00	Sifton Geographic Township	13.00
South River	33.00	Spohn Geographic Township	17.00
Wilson Geographic Township	30.00	Sutherland Geographic Township:	
Mills Geographic Township	30.00	Sutherland 1	18.00
		Sutherland and Nelles U.2, 9	23.00
		Wild Land Reserve	
		Phillips Geographic Township	
		Godson Geographic Township	
		(the west half)	
		All lands described in sub-subpara- graphs b and c of subparagraph ii of paragraph 1 of Schedule 19 of Ontario Regulation 793	

#### ESPANOLA BOARD OF EDUCATION

Espanola Town	23.07
Massey Town	48.60
Webbwood Town	23.97
Baldwin Township	3.93
Hallam Township	43.40
Nairn Township	32.10
Salter, May and Harrow Township	35.50
Curtin Geographic Township	25.00
Foster Geographic Township	100.00
McKinnon Geographic Township	100.00
Merritt Geographic Township	
Shakespeare Geographic Township	20.00
Hyman Geographic Township	
Mongowin Geographic Township:	
Twp. 11 and Mongowin S.S. 1	35.00
Mongowin	25.00
Whitefish Falls	25.00

#### FORT FRANCES-RAINY RIVER BOARD OF EDUCATION

Fort Frances Town	30.50
Rainy River Town	31.40
Alberten Township	34.90
Atwood Township	17.50
Blue Township	23.00
Chapple Township	28.30
Dilke Township	17.60
Emo Township	17.58
La Vallee Township	14.00
Morley Township	31.30
Morson Township	70.74
Worthington Township	26.80
McCrosson and Trovell Township	100.00
Kingsford Improvement District	11.90

#### GERALDTON BOARD OF EDUCATION

Geraldton Town	36.20
Longlac Township	29.79
Beardmore Improvement District	57.27
Ashmore Geographic Township	39.00
Errington Geographic Township	39.00
Houck Geographic Township	
Leduc Geographic Township	34.00
Oakes Geographic Township	

#### HEARST BOARD OF EDUCATION

Hearst Town	102.10
Barker Geographic Township	100.00
Casgrain Geographic Township	100.00
Devitt Geographic Township	100.00
Eilber Geographic Township	100.00
Hanlan Geographic Township	100.00
Irish Geographic Township	
Kendall Geographic Township	
Landry Geographic Township	100.00
Lowther Geographic Township	100.00
Stoddard Geographic Township	
Studholme Geographic Township	
Way Geographic Township	100.00
Ebbs Geographic Township	100.00
Templeton Geographic Township	100.00



Municipality Column 1	Equalization Factor Column 2
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**HORNEPAYNE BOARD OF EDUCATION**

Wicksteed Township	97.96
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**KAPUSKASING BOARD OF EDUCATION**

Fauquier T.S.A.	100.00
Kapuskasing T.S.A.	93.70
Kendrey T.S.A.	100.40
Shackleton and Machin T.S.A.	100.00
Williamson and Owens T.S.A.	100.00
McCrea Geographic Township S.S. 1	100.00
McCowan Geographic Township S.S. 1	100.00
McCrea Geographic Township S.S. 2	100.00
O'Brien Geographic Township S.S. 2	100.00
O'Brien Geographic Township S.S. 5	100.00

The portions of McCowan and McCrea Geographic Townships that, on the 31st day of December, 1968 were part of the Township School Area of Eilber, Barker, McCowan and McCrea

100.00

**KENORA BOARD OF EDUCATION**

Keewatin Town	31.80
Kenora Town	89.30
Jaffray and Melick Township	21.84
Sioux Narrows Improvement District	18.20
Boys Geographic Township	50.00
Kirkup Geographic Township	22.00
Pellat Geographic Township:	
Boys and Pellat, U.1, 4	50.00
Pellat 1 and 2	36.00
Redditt Geographic Township	30.00
All lands described in subparagraphs v and vi of paragraph 1 of Schedule 11 of Ontario Regulation 793	

**KIRKLAND LAKE BOARD OF EDUCATION**

Kirkland Lake Town	
Larder Lake Township	98.30
McGarry Township	96.90
Gauthier Improvement District	88.40
Benoit Geographic Township	100.00
Boston Geographic Township:	
Otto and Boston 1	36.00

Municipality Column 1	Equalization Factor Column 2
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Boston and Pacaud 2	31.00
Boston and Pacaud 3	34.00
Cairo Geographic Township	
Eby Geographic Township	43.00
Grenfell Geographic Township	100.00
Kimberley Geographic Township	
Lebel Geographic Township	100.00
Maisonville Geographic Township	100.00
McElroy Geographic Township	
Otto Geographic Township:	
Otto and Boston 1	36.00
Otto and Eby U.2	43.00
Marquis and Otto U.3	32.00
Powell Geographic Township	
Yarrow Geographic Township	
Concessions 3, 4, 5 and 6 in the geographic townships of Catharine, Marquis and Pacaud	

**LAKEHEAD BOARD OF EDUCATION**

Thunder Bay City	25.53
Conmee Township	43.60
Gillies Township	42.48
Neebing Township	28.50
O'Connor Township	30.39
Oliver Township	23.40
Paipoonge Township	23.30
Shuniah Township	27.70
Blackwell Geographic Township	
Conacher Geographic Township	
Devon Geographic Township	
Forbes Geographic Township	35.00
Fraleigh Geographic Township	30.00
Goldie Geographic Township	35.00
Golding Geographic Township	
Gorham Geographic Township	32.00
Hagey Geographic Township	
Laurie Geographic Township	
Lismore Geographic Township	
Lybster Geographic Township	8.00
Marks Geographic Township	8.00
Michener Geographic Township	
Pearson Geographic Township:	
Pearson 1	36.00
Pearson and Fraleigh 3	30.00
Robson Geographic Township	
Scoble Geographic Township	
Sibley Geographic Township	32.00
Strange Geographic Township	8.00
Ware Geographic Township:	
Forbes, Dawson Rd., and Ware T.S.A.	35.00
Gorham and Ware T.S.A.	32.00
Dawson Road Lots	35.00

Municipality Column 1	Equalization Factor Column 2
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**LAKE SUPERIOR BOARD OF EDUCATION**

Marathon Township	95.80
Schreiber Township	40.80
Terrace Bay Township	88.90
Manitouawadge Improvement District	100.00
Pic. Geographic Township	35.00
Tp. 78 Geographic Township (Port Coldwell)	30.00
Tp. 82 Geographic Township (Jackfish)	100.00
Tp. 86 Geographic Township (Rossport)	16.00

**MANITOULIN BOARD OF EDUCATION**

Gore Bay Town	26.91
Little Current Town	85.73
Assiginack Township	100.50
Barrie Island Township	95.50
Billings Township	100.00
Burpee Township	18.51
Carnarvon Township	10.60
Cockburn Island Township	100.00
Gordon Township	7.18
Howland Township	100.00
Sandfield Township	100.00
Tehkummah Township	10.69
Allan Geographic Township:	
Allan	100.00
Gordon and Allan	7.18
Bidwell Geographic Township	
Campbell Geographic Township	33.00
Dawson Geographic Township	7.00
Mills Geographic Township	7.00
Robinson Geographic Township	7.00
Sheguiandah Geographic Township	
McGregor Bay	110.00

**MICHIPICOTEN BOARD OF EDUCATION**

Michipicoten Township	100.00
White River Improvement District	25.74
Tp. 27, Range 24 Geographic Township	25.00
Tp. 28, Range 24 Geographic Township	25.00

Municipality Column 1	Equalization Factor Column 2
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**MUSKOKA BOARD OF EDUCATION**

Bracebridge Town:	
Bracebridge Ward	17.91
Draper Ward	11.06
Macauley Ward	13.10
Monck South Ward	11.60
Muskoka North Ward	13.62
Oakley Ward—(excluding McLean portion)	11.33
Oakley Ward—(McLean portion)	7.22
Georgian Bay Township:	
Baxter Ward	25.74
Gibson Ward	15.83
Gravenhurst Town:	
Gravenhurst Ward	18.21
Morrison Ward	12.00
Muskoka South Ward—(excluding Wood portion)	13.62
Muskoka South Ward—(Wood portion)	10.71
Ryde Ward	14.40
Huntsville Town:	
Brunel Ward	12.87
Chaffey Ward	14.10
Huntsville Ward	18.60
Port Sydney Ward	12.81
Stephenson Ward	15.27
Stisted Ward	13.41
Lake of Bays Township:	
Franklin Ward	5.75
McLean Ward	7.22
Ridout Ward	7.39
Sinclair Ward	16.41
Muskoka Lakes Township:	
Bala Ward	20.10
Cardwell Ward	13.85
Medora and Wood Ward	10.71
Monck North Ward	11.60
Port Carling Ward	15.75
Medora North Ward	10.71
Watt Ward	10.40
Windermere Ward	18.24
Wood South Ward	10.71

**NIPIGON-RED ROCK BOARD OF EDUCATION**

Dorion Township	30.70
Nipigon Township	21.69
Red Rock Improvement District	97.40
Lots 1 to 11 in concessions 4 to 11 in Lyon Geographic Township	
Concessions 1 and 2 and lots 1 to 6 in concessions 3 and 4 in Stirling Geographic Township	



Municipality Column 1	Equalization Factor Column 2
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**NIPISSING BOARD OF EDUCATION**

North Bay City	23.00
Bonfield Town	96.94
Cache Bay Town	99.80
Mattawa Town	90.20
Sturgeon Falls Town	100.00
Bonfield Township	100.00
Caldwell Township	9.21
Calvin Township	10.10
East Ferris Township	100.00
Field Township	95.00
Mattawan Township	10.30
Papineau Township	18.70
Springer Township	23.37
Cameron Improvement District	18.90
Badgerow Geographic Township	100.00
Bastedo Geographic Township	100.00
Beaucage Geographic Township	14.00
Boyd Geographic Township	100.00
Clarkson Geographic Township	14.00
Commanda Geographic Township	14.00
Crerar Geographic Township:	
Crerar, Badgerow, Bastedo and	
Gibbons T.S.A.	100.00
Crerar, Hugel, Kirkpatrick T.S.A.	25.00
Deacon Geographic Township	100.00
Eddy Geographic Township	14.00
Falconer Geographic Township:	
Falconer and Scollard U.I	7.00
Loudon and Falconer T.S.A.	14.00
French Geographic Township	
Gibbons Geographic Township	100.00
Hugel Geographic Township	25.00
Jocko Geographic Township	14.00
Kirkpatrick Geographic Township:	
Macpherson and Kirkpatrick U.5	27.00
Crerar, Hugel, Kirkpatrick T.S.A.	25.00
Lauder Geographic Township	100.00
Loudon Geographic Township	14.00
Lyman Geographic Township	35.00
Macpherson Geographic Township	27.00
Pedley Geographic Township	14.00
Pentland Geographic Township	28.00
Phelps Geographic Township	9.00
Poitras Geographic Township	14.00
Wyse Geographic Township	14.00

**NORTH SHORE BOARD OF EDUCATION**

Blind River Town	33.00
Iron Bridge Village	29.85
Day and Bright Additional Township	23.00
Elliot Lake Township	33.90

Municipality Column 1	Equalization Factor Column 2
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Thompson Township	105.20
Bright Geographic Township	16.00
Cobden Geographic Township	37.00
Gladstone Geographic Township	16.00
Grassette Geographic Township	9.00
Lewis Geographic Township	36.00
Long Geographic Township	42.00
Mack Geographic Township	37.00
Montgomery Geographic Township	37.00
Patton Geographic Township	16.00
Scarfe Geographic Township	37.00
Shedden Geographic Township	27.00
Spragge Geographic Township	34.00
Striker Geographic Township	42.00
Tp. 161 Geographic Township	37.00
Tp. 162 Geographic Township	
Tp. 167 Geographic Township	37.00
Tp. 168 Geographic Township	
Tp. 175 Geographic Township	
All the islands south of the geographic	
townships of Bright, Cobden,	
Lewis, Long, Shedden, Spragge	
and Striker	
Parkinson Geographic Township:	
Gladstone, Bright, Eley, Parkinson	
and Patton	16.00
Parkinson and Grassette	9.00

**RED LAKE BOARD OF EDUCATION**

Red Lake Township	28.71
Balmertown Improvement District	33.30
Ear Falls Improvement District	33.00
Baird Geographic Township	35.00
Dome Geographic Township	34.00
Heyson Geographic Township	35.00
All lands described in subparagraphs	
iv. and v. of paragraph 1 of Sched-	
ule 12 of Ontario Regulation 793	100.00

**SAULT STE MARIE  
BOARD OF EDUCATION**

Sault Ste. Marie City	50.30
Prince Township	100.00
Archibald Geographic Township	100.00
Aweres Geographic Township	100.00
Dennis Geographic Township	100.00
Deroche Geographic Township	100.00
Fenwick Geographic Township	100.00
Fisher Geographic Township	100.00
Gaudette Geographic Township	100.00
Havilland Geographic Township	100.00



Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
Herrick Geographic Township	100.00	Walden Town:	
Hodgins Geographic Township	100.00	Lively	22.62
Home Geographic Township	100.00	Drury, Denison & Graham Township	21.36
Jarvis Geographic Township	100.00	Waters Township	17.85
Kars Geographic Township	100.00	Dieppe Geographic Township	
Kincaid Geographic Township	100.00	Lorne Geographic Township:	
Ley Geographic Township	100.00	Lorne	31.00
Pennefather Geographic Township	100.00	Louise & Lorne	18.00
Ryan Geographic Township	100.00	Hyman & Lorne	28.00
Shields Geographic Township	100.00	Louise Geographic Township	
Tilley Geographic Township	100.00	Balfour Geographic Township	
Tupper Geographic Township	100.00	(part)	23.94
VanKoughnet Geographic Township	100.00	Dowling Geographic Township	
Tp. 28, Range 15 Geographic Township	100.00	(part)	23.73
Tp. 29, Range 14 Geographic Township	100.00	Fairbanks Geographic Township	
Tp. 29, Range 15 Geographic Township	100.00	(part)	100.00
		Hyman Geographic Township	
		(part):	
		Hyman	25.00
		Hyman & Lorne	28.00
		Snider Geographic Township (part)	42.00
		Trill Geographic Township (part)	120.00
		Casimer, Jennings & Appleby Geographic Township	27.21
		Cosby, Mason & Martland Geographic Township	8.61
		Hagar Geographic Township	18.90
		Ratter and Dunnet Geographic Township	15.60
		Allen Geographic Township	31.00
		Awrey Geographic Township	29.00
		Bigwood Geographic Township	20.00
		Burwash Geographic Township	100.00
		Cartier Geographic Township	35.00
		Cascaden Geographic Township	120.00
		Cherriman Geographic Township:	
		Cherriman	20.00
		Cherriman & Haddo	16.00
		Cleland Geographic Township	37.00
		Cox Geographic Township	20.00
		Davis Geographic Township	120.00
		Delamere Geographic Township	20.00
		Foy Geographic Township	100.00
		Haddo Geographic Township	16.00
		Hart Geographic Township	100.00
		Harty Geographic Township	100.00
		Hawley Geographic Township	20.00
		Hendrie Geographic Township	20.00
		Henry Geographic Township	16.00
		Hess Geographic Township	100.00
		Hoskin Geographic Township	20.00
		Janes Geographic Township	120.00
		Laura Geographic Township	100.00
		Loughrin Geographic Township	16.00
		Moncrieff Geographic Township	120.00
		Scadding Geographic Township	120.00
		Scollard Geographic Township	7.00
<b>SUDBURY BOARD OF EDUCATION</b>			
Sudbury City:			
Sudbury	86.63		
Copper Cliff	33.50		
Broder Geographic Township (part)			
Dill Geographic Township (part)			
Eden Geographic Township (part)			
Tilton Geographic Township (part)			
Capreol Town:			
Capreol	23.02		
Hutton Geographic Township	100.00		
Norman Geographic Township	31.00		
Parkin Geographic Township (part)			
Onaping Falls Town:			
Levack	25.50		
Onaping Improvement District	24.50		
Dowling Township (part)	23.73		
Levack Geographic Township (part)	100.00		
Nickel Centre Town:			
Coniston	7.24		
Falconbridge Township	21.80		
MacLennan Geographic Township			
Dryden Geographic Township (part)			
Neelon and Garson Township (part)	22.68		
Rayside-Balfour Town:			
Balfour Township (part)	23.94		
Snider Geographic Township (part)	42.00		
Rayside Township	23.67		
Valley East Town:			
Valley East Township	20.43		
Lumsden Geographic Township (part)			
Neelon and Garson Township (part)	22.68		

Municipality Column 1	Equalization Factor Column 2
Secord Geographic Township	20.00
Servos Geographic Township	20.00
Street Geographic Township	100.00
Dill Geographic Township (part)	
Eden Geographic Township (part)	100.00
Tilton Geographic Township (part)	100.00
Dryden Geographic Township (part)	
Trill Geographic Township (part)	120.00

**TIMISKAMING BOARD OF EDUCATION**

Charlton Town	85.38
Cobalt Town	31.40
Englehart Town	97.23
Haileybury Town	99.60
Latchford Town	95.22
New Liskeard Town	23.30
Thornloe Village	92.60
Armstrong Township	31.60
Brethour Township	13.56
Casey Township	12.72
Chamberlain Township	34.50
Coleman Township	21.39
Dack Township	100.00
Dymond Township	25.68
Evanturel Township	32.90
Harley Township	20.19
Harris Township	21.06
Hilliard Township	21.50
Hudson Township	22.71
James Township	100.00
Kerns Township	29.70
Barber Geographic Township:	
Barber and Cane T.S.A.	100.00
Barber and Tudhope 2, 3	100.00
Bayly Geographic Township	
Beauchamp Geographic Township:	
Beauchamp and Henwood U.2	16.00
Beauchamp and Henwood T.S.A.	33.00
Bryce Geographic Township	26.00
Cane Geographic Township	100.00
Firstbrook Geographic Township	100.00
Gillies Limit Geographic Township	
Haultain Geographic Township	47.00
Henwood Geographic Township:	
Beauchamp and Henwood U.2	16.00
Beauchamp and Henwood T.S.A.	33.00
Henwood	25.00
Henwood and Lundy 3	100.00
Ingram Geographic Township	39.00
Lorrain Geographic Township	100.00
Lundy Geographic Township	100.00
Marter Geographic Township	16.00
Milner Geographic Township	47.00
Nicol Geographic Township	47.00
Pense Geographic Township	

Municipality Column 1	Equalization Factor Column 2
Robillard Geographic Township:	
Bryce and Robillard T.S.A.	26.00
Savard, Sharpe and Robillard T.S.A.	14.00
Robillard and Truax 4	100.00
Savard Geographic Township:	
Savard and Marquis U.2	17.00
Savard, Sharpe and Robillard	14.00
Sharpe Geographic Township	14.00
South Lorraine Geographic Township	100.00
Truax Geographic Township	100.00
Tudhope Geographic Township	100.00
Concessions 1 and 2 in the geographic townships of Catharine, Marquis and Pacaud	
Savard and Marquis U.2	17.00
Temagami Improvement District	96.60
Askin Geographic Township	
Best Geographic Township	
Briggs Geographic Township	
Cassels Geographic Township	
Chambers Geographic Township	
Gladman Geographic Township	
Joan Geographic Township	14.00
Kenny Geographic Township	
Law Geographic Township	
McCallum Geographic Township	
McLaren Geographic Township	
Milne Geographic Township	
Olive Geographic Township	
Phyllis Geographic Township	14.00
Riddell Geographic Township	
Sisk Geographic Township	
Thistle Geographic Township	
Torrington Geographic Township	
Yates Geographic Township	

**TIMMINS BOARD OF EDUCATION**

Timmins City:	
Timmins	25.10
Mountjoy Township	25.80
Bristol Geographic Township	
Carscallen Geographic Township	
Denton Geographic Township	
Godfrey Geographic Township	
Jamieson Geographic Township	
Jessop Geographic Township	
Kidd Geographic Township	
Loveland Geographic Township	
Macdiarmid Geographic Township	
Ogden Geographic Township	
Price Geographic Township	
Robb Geographic Township	
Thornloe Geographic Township	



Municipality Column 1	Equalization Factor Column 2
Turnbull Geographic Township	
Tisdale Township	23.40
Murphy Geographic Township	
Work Geographic Township	
Whitney Township	18.57
Blackstock Geographic Township	
Carman Geographic Township	
Cody Geographic Township	100.00
Eldorado Geographic Township	
Evelyn Geographic Township	
German Geographic Township	100.00
Gowan Geographic Township	
Hoyle Geographic Township	100.00
Langmuir Geographic Township	
Macklem Geographic Township	
Matheson Geographic Township	100.00
Shaw Geographic Township	100.00
Thomas Geographic Township	
Dundonald Geographic Township (part)	
Adams Geographic Township	
Deloro Geographic Township	34.00

**WEST PARRY SOUND  
BOARD OF EDUCATION**

Parry Sound Town	98.69
Rosseau Village	100.00

Municipality Column 1	Equalization Factor Column 2
Carling Township	4.94
Christie Township	9.70
Foley Township	10.72
Hagerman Township	9.35
Humphrey Township	96.44
McDougall Township	100.00
McKellar Township	15.51
Blair Geographic Township	30.00
Brown Geographic Township	30.00
Burton Geographic Township	30.00
Conger Geographic Township	30.00
Cowper Geographic Township	30.00
East Burpee Geographic Township	30.00
Ferguson Geographic Township	30.00
Ferrie Geographic Township	30.00
Harrison Geographic Township	30.00
Henvey Geographic Township	30.00
McKenzie Geographic Township	30.00
Mowatt Geographic Township	30.00
Shawanaga Geographic Township	30.00
Wallbridge Geographic Township	30.00
Those parts of Croft and Spence Geo- graphic Townships which are not included in the Township School Area of Magnetawan	30.00
The Freeman Ward of the area munici- pality of the Township of Geor- gian Bay	18.72

**DISTRICT COMBINED SEPARATE SCHOOL BOARDS**

**TERRITORIAL DISTRICTS**

**COCHRANE-IROQUOIS FALLS DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Cochrane Town	99.00
Iroquois Falls Town	100.90
Glackmeyer Township	102.30
Brower Geographic Township	100.00
Calder Geographic Township	100.00
Clute Geographic Township	100.00
Fox Geographic Township	100.00
Lamarche Geographic Township	100.00
Newmarket Geographic Township	100.00
Pyne Geographic Township	100.00
Black River-Matheson Township:	
Black River-Matheson	102.90
Playfair	100.00
Kingham	97.00

**DRYDEN DISTRICT ROMAN CATHOLIC  
SEPARATE SCHOOL BOARD**

Dryden Town	21.40
Sioux Lookout Town	26.60

**FORT FRANCES-RAINY RIVER DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Fort Frances Town	30.50
Rainy River Town	31.40
Alberton Township	34.90
Dilke Township	17.60
Morley Township	31.30



Municipality  
Column 1

Equalization  
Factor  
Column 2

**GERALDTON DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Geraldton Town	36.20
Beardmore Improvement District	57.27
Longlac Township	29.79
Daley Geographic Township	50.00
R.C.S.S. No. 1 Theresa	50.00

**HASTINGS-PRINCE EDWARD COUNTY  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Murchison and Lyell CRCS	19.00
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**HEARST DISTRICT ROMAN CATHOLIC  
SEPARATE SCHOOL BOARD**

Hearst Town	102.10
Casgrain Geographic Township	100.00
Devitt Geographic Township	100.00
Eilber Geographic Township	100.00
Hanlan Geographic Township	100.00
Kendall Geographic Township	100.00
Lowther Geographic Township	100.00
Stoddart Geographic Township	100.00
Studholme Geographic Township	100.00
Way Geographic Township	100.00

**KAPUSKASING DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Kapuskasing Town	93.70
Smooth Rock Falls Town	100.80
Fauquier Township	100.00
Kendrey Township	100.40
Shackleton Township	100.00
Machin Township	100.00
Haggart Geographic Township	100.00
Idington Geographic Township	100.00
McCrea Geographic Township	100.00
Nansen Geographic Township	
O'Brien Geographic Township	100.00
Owens Geographic Township	100.00
Williamson Geographic Township	100.00

Municipality  
Column 1

Equalization  
Factor  
Column 2

**KENORA DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Keewatin Town	31.80
Kenora Town	89.30
Jaffray and Melick Township	21.84
Sioux Narrows Improvement District	18.20

**KIRKLAND LAKE ROMAN CATHOLIC  
SEPARATE SCHOOL BOARD**

Charlton Town	85.38
Englehart Town	97.23
Kirkland Lake Town	25.30
Gauthier Improvement District	88.40
Chamberlain Township	34.50
Larder Lake Township	98.30
McGarry Township	96.90
Boston Geographic Township	25.00
Cairo Geographic Township	34.00
Otto Geographic Township	25.00

**LAKEHEAD DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Thunder Bay City	25.53
Neebing Township	28.50
Paipoonge Township	23.30
Shuniah Township	27.70

**MICHIPICOTEN DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

White River Improvement District	25.74
Michipicoten Township	100.00
Tp. 27, Range 24 Geographic Township	27.00
Tp. 28, Range 24 Geographic Township	27.00

Municipality Column 1	Equalization Factor Column 2
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**NIPIGON-RED ROCK DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Nipigon Township	21.69
Red Rock Improvement District	97.40

**NIPISSING DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

North Bay City	23.00
Bonfield Town	96.94
Cache Bay Town	99.80
Mattawa Town	90.20
Sturgeon Falls Town	100.00
Cameron Improvement District	18.90
Bonfield Township	100.00
Caldwell Township	9.21
Calvin Township	10.10
Chisholm Township	18.72
East Ferris Township	100.00
Field Township	95.00
Mattawan Township	10.30
Papineau Township	18.70
Springer Township	23.37
Badgerow Geographic Township:	
Badgerow and Kirkpatrick	10.00
Badgerow, Bastedo, Gibbons, Grant	29.00
Beaucage Geographic Township	14.00
Clarkson Geographic Township	25.00
Crerar Geographic Township	15.00
Falconer Geographic Township	14.00
Gibbons Geographic Township:	
Crerar and Gibbons	15.00
Badgerow, Bastedo, Gibbons, Grant	29.00
Grant Geographic Township	29.00
Hugel Geographic Township	17.00
Kirkpatrick Geographic Township:	
Badgerow and Kirkpatrick	10.00
Hugel and Kirkpatrick	17.00
Kirkpatrick, Loudon, Macpherson	20.00
Loudon Geographic Township	20.00
Lyman Geographic Township	
Macpherson Geographic Township	20.00
Pedley Geographic Township	14.00
Pentland Geographic Township	
Phelps Geographic Township	
Poitras Geographic Township	25.00

Municipality Column 1	Equalization Factor Column 2
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**NORTH SHORE DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Blind River Town	33.00
Iron Bridge Village	29.85
Day and Bright Additional Township	23.00
Elliot Lake Township	33.90
Lewis Geographic Township	31.00
Long Geographic Township	37.00
Shedden Geographic Township	30.00
Spragge Geographic Township	39.00
Striker Geographic Township	37.00
Espanola Town	23.07
Massey Town	48.60
Webbwood Town	23.97
Baldwin Township	3.93
Nairn Township	32.10
Salter Township	35.50
May and Harrow Township	35.50
Curtin Geographic Township	
Merritt Geographic Township	
Mongowin Geographic Township	
Little Current Town	85.73

**SAULT STE. MARIE DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Sault Ste. Marie City	50.30
Macdonald Township	100.00
Meredith Township	100.00
Aberdeen Additional Township	100.00
Fisher Geographic Township	100.00
Herrick Geographic Township	100.00
Hodgins Geographic Township	100.00

**SCHREIBER-TERRACE BAY DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Schreiber Township	40.80
Terrace Bay Township	88.90

**SIMCOE COUNTY ROMAN CATHOLIC  
SEPARATE SCHOOL BOARD**

Baxter Ward of The Area Muni- cipality of the Township of Georgian Bay	25.74
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Municipality Column 1	Equalization Factor Column 2
<b>SUDBURY ROMAN CATHOLIC SEPARATE SCHOOL BOARD</b>	
Sudbury City:	
Sudbury	86.63
Copper Cliff Town	33.50
Broder Geographic Township (part)	
Dill Geographic Township (part)	
Eden Geographic Township (part)	
Tilton Geographic Township (part)	
Capreol Town:	
Capreol Town	23.02
Hutton Geographic Township	100.00
Norman Geographic Township	16.00
Parkin Geographic Township (part)	
Onaping Falls Town:	
Levack Town	25.50
Onaping Improvement District	24.50
Dowling Township (part)	23.73
Levack Geographic Township (part)	
Nickel Centre Town:	
Coniston Town	7.24
Falconbridge Township	21.80
MacLennan Geographic Township	
Dryden Geographic Township (part)	
Neelon and Garson Township (part)	22.68
Rayside-Balfour Town:	
Balfour Township (part)	23.94
Snider Geographic Township (part)	42.00
Rayside Township (part)	23.67
Valley East Town:	
Valley East Township	20.43
Lumsden Geographic Township (part)	
Neelon and Garson Township (part)	22.68
Walden Town:	
Lively Town	22.62
Drury, Denison & Graham Township	21.36
Waters Township	17.85
Dieppe Geographic Township	
Lorne Geographic Township	
Louise Geographic Township	
Balfour Township (part)	23.94
Dowling Township (part)	23.73
Fairbanks Geographic Township (part)	
Hyman Geographic Township (part)	
Snider Geographic Township (part)	
Trill Geographic Township (part)	
Casimir, Jennings and Appleby Township	27.21
Cosby, Mason and Martland Township	8.61
Hagar Township	18.90

Municipality Column 1	Equalization Factor Column 2
Ratter and Dunnett Township	15.60
Awrey Geographic Township	16.00
Bigwood Geographic Township	37.00
Burwash Geographic Township	24.00
Cartier Geographic Township	27.00
Carscaden Geographic Township	
Cherriman Geographic Township	
Cleland Geographic Township	16.00
Cox Geographic Township	
Delamere Geographic Township	37.00
Hawley Geographic Township	
Hendrie Geographic Township	
Henry Geographic Township	
Hoskin Geographic Township	
Laura Geographic Township	
Loughrin Geographic Township	
Moncrieff Geographic Township	
Scadding Geographic Township	
Scollard Geographic Township	
Secord Geographic Township	
Servos Geographic Township	
Dill Geographic Township (part)	
Trill Geographic Township (part)	
Rutherford and George Island Township	15.90
Henvey Geographic Township	37.00
Dryden Geographic Township (part)	

**TIMISKAMING DISTRICT  
ROMAN CATHOLIC SEPARATE  
SCHOOL BOARD**

Cobalt Town	31.40
Haileybury Town	99.60
New Liskeard Town	23.30
Thornloe Village	92.60
Armstrong Township	31.60
Brethour Township	13.56
Casey Township	12.72
Coleman Township	21.39
Dymond Township	25.68
Evanturel Township	32.90
Harley Township	20.19
Harris Township	21.06
Hilliard Township	21.50
Hudson Township	22.71
James Township	100.00
Kerns Township	29.70
Beauchamp Geographic Township	33.00
Cane Geographic Township	100.00
Firstbrook Geographic Township	100.00
Henwood Geographic Township	33.00



Municipality Column 1	Equalization Factor Column 2	Municipality Column 1	Equalization Factor Column 2
<b>TIMMINS DISTRICT ROMAN CATHOLIC SEPARATE SCHOOL BOARD</b>			
Timmins Town	25.10	Tisdale Township	23.40
Mountjoy Township	25.80	Murphy Geographic Township	
Bristol Geographic Township		Wark Geographic Township	
Carscallen Geographic Township		Whitney Township	18.57
Denton Geographic Township		Blackstock Geographic Township	
Godfrey Geographic Township		Carman Geographic Township	
Jamieson Geographic Township		Cody Geographic Township	100.00
Jessop Geographic Township		Eldorado Geographic Township	
Kidd Geographic Township		Evelyn Geographic Township	
Loveland Geographic Township		German Geographic Township	100.00
Macdiarmid Geographic Township		Gowan Geographic Township	
Ogden Geographic Township		Hoyle Geographic Township	100.00
Price Geographic Township		Langmuir Geographic Township	
Robb Geographic Township		Macklem Geographic Township	
Thornloe Geographic Township		Matheson Geographic Township	100.00
Turnbull Geographic Township		Shaw Geographic Township	
		Thomas Geographic Township	
		Dundonald Geographic Township (part)	
		Adams Geographic Township	
		Deloro Geographic Township	34.00

## INDEPENDENT PUBLIC SCHOOL BOARDS

## TERRITORIAL DISTRICTS

Airy T.S.A.	97.60	Margaret S.S. No. 1	26.00
Allanwater S.S. No. 1		Mill-Forest T.S.A.	18.00
Armstrong S.S. No. 1	36.00	Mine Centre S.S. No. 1	30.00
Asquith, etc. S.S. No. 1	36.00	Moose S.S. No. 1	100.00
Auden T.S.A.	35.00	Murchison & Lyell T.S.A.	35.00
Bicknell S.S. No. 1	35.00	Nakina T.S.A.	44.70
Camp Robinson S.S. No. 1	17.00	Noble S.S. No. 1	52.00
Canfield S.S. No. 1	35.00	St. Julien S.S. No. 1	36.00
Caramat S.S. No. 1	35.00	Sabine T.S.A.	35.00
Connell & Ponsford T.S.A.	33.00	Savant Lake S.S. No. 1	46.00
Dalton, Missinaibi, and Renabi T.S.A.:		Slaght & Factor S.S. No. 1	35.00
Missinaibi	17.00	Upsala T.S.A.	33.00
Dalton	17.00	Werner Lake S.S. No. 1	35.00
Renabie	30.20	White Otter T.S.A.:	
Dent S.S. No. 1	100.00	Hillsport	35.00
Ferland S.S. No. 1		Manitou	27.00
Foleyet S.S. No. 1	34.00	Woolrich S.S. No. 1	100.00
Franz S.S. No. 1	31.00	Burchell Lake	35.00
Garvey & Hennessy S.S. No. 1, 6	36.00	Hillock Lake	24.00
Harmon S.S. No. 1	72.00	Menapia 2	24.00
Kashabowie S.S. No. 1	19.00	Menapia and Tolmie U.1	36.00
Kilkenny S.S. No. 1	32.00	West Patricia T.S.A.	35.00

INDEPENDENT ROMAN CATHOLIC SEPARATE SCHOOL BOARDS  
TERRITORIAL DISTRICTS

Municipality Column 1	Equalization Factor Column 2
Atikokan No. 1	48.50
Chapleau, Panet and Tp. 13G:	
Chapleau	110.90
Panet	29.00
Twp. 13G	40.00
Foleyet No. 1	21.00
Kearney	26.70
Manitouwadge	100.00
Moose No. 1	100.00
Nakina	44.70
Noble No. 1	19.00
Red Lake No. 1	28.71
Township 22 No. 1	35.00
Township 28 No. 1	100.00
Wicksteed No. 1	97.96

(4918)

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# THE SECONDARY SCHOOLS AND BOARDS OF EDUCATION ACT

O. Reg. 81/73.

Apportionment 1973 Requisitions.

Made—February 21st, 1973.

Filed—February 22nd, 1973.

## REGULATION MADE UNDER THE SECONDARY SCHOOLS AND BOARDS OF EDUCATION ACT

### APPORTIONMENT 1973 REQUISITIONS

#### 1. In this Regulation,

(a) "assessment" for a year means the sum of,

(i) the residential and farm assessment as defined in clause *b* of section 74 of *The Schools Administration Act*, and

(ii) the quotient obtained by dividing the commercial assessment as defined in clause *a* of section 74 of *The Schools Administration Act*, by 0.9,

that is rateable for public-school purposes or for secondary-school purposes, as the case may be, except that reference to the last revised assessment roll in clauses *a* and *b* of the said section 74 shall, for the purposes of this Regulation, be deemed to be reference to the last revised assessment roll used for taxation purposes in the year;

(b) "assessment equalization factor for 1973" means, for a municipality, the equalization factor in Column 2 of Schedule B that is set opposite the name of the municipality in Column 1 of Schedule B of Ontario Regulation 80/73;

(c) "equalized assessment for a municipality" means the sum, in respect of the municipality, of,

(i) the assessment for 1973, and

(ii) the equivalent assessment,

adjusted by the assessment equalization factor for 1973 for the municipality;

(d) "equivalent assessment" means, in respect of a municipality the amount that, if levied upon at the rate that is the sum of,

(i) the post-subsidy break-even mill rate for 1969 for public-school purposes or for secondary-school purposes, as the case may be, adjusted by the Ministry where the general level of assessment in the municipality has been raised subsequent to 1969, and

(ii) the quotient obtained by dividing 150 by the assessment equalization factor for 1973 for the municipality,

would yield a sum equal to the payment in lieu of taxes for 1973 for public-school purposes or for secondary-school purposes, as the case may be, for the municipality;

(e) "municipality" means an area listed in Column 1 of Schedule B of Ontario Regulation 80/73;

(f) "payment in lieu of taxes" for a year means, in respect of a municipality, the excess of that portion of the sum required by a divisional board for such year for public-school purposes or for secondary-school purposes, as the case may be, that is apportioned to the municipality, over the sum that, exclusive of adjustments in respect of any previous year, is required to be raised by taxation for such purposes in the municipality;

(g) "post-subsidy break-even mill rate" for a year for public-school purposes or for secondary-school purposes, as the case may be, means, in respect of a municipality, the mill rate that, if applied to the assessment for such year that is rateable for such purposes in the municipality, would have provided the pre-subsidy break-even requirement for the municipality in such year, less the sum of,

(i) the payment in lieu of taxes, and

(ii) the subsidy,

for such year in respect of the municipality;

(h) "pre-subsidy break-even requirement for a municipality" means the portion of the pre-subsidy break-even requirement of a board for public-school purposes or for secondary-school purposes, as the case may be, that is apportioned to the municipality;

(i) "pre-subsidy break-even requirement of a board" means the sum of the amounts that, if there were no subsidy payable in respect of any municipality within the school division, would have been requisitioned for public-school purposes or for secondary-school purposes from the municipi-



palities in the school division to provide as at the end of the year neither an increase nor a decrease in the surplus, deficit or reserves, for public-school purposes or for secondary-school purposes, as the case may be, accumulated by the divisional board as at the beginning of the year;

- (j) "subsidy" for a year means the education mill rate subsidy payable to a divisional board in respect of a municipality for public-school purposes or for secondary-school purposes, as the case may be, for such year;
- (k) "sum required by a divisional board for public-school purposes for the year 1973" means the pre-subsidy break-even requirement of the divisional board for public-school purposes for 1973;
- (l) "sum required by a divisional board for secondary-school purposes for the year

1973" means the pre-subsidy break-even requirement of the divisional board for secondary-school purposes for 1973.

2. The sum required by a divisional board for public-school purposes for the year 1973 shall be apportioned among the municipalities in the school division in the ratio, correct to five places of decimals, of the equalized assessments for such municipalities for public-school purposes.

3. The sum required by a divisional board for secondary-school purposes for the year 1973 shall be apportioned among the municipalities in the school division in the ratio, correct to five places of decimals, of the equalized assessments for such municipalities for secondary-school purposes.

4. This Regulation applies in respect of the apportionment of the sum required by a divisional board for public-school purposes and the sum required by a divisional board for secondary-school purposes, for the year 1973.

(4919)

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### THE DAY NURSERIES ACT

O. Reg. 82/73.

General.

Made—February 7th, 1973.

Filed—February 23rd, 1973.

### REGULATION MADE UNDER THE DAY NURSERIES ACT

1. Schedule 2 to Regulation 160 of Revised Regulations of Ontario, 1970, as made by section 15 of Ontario Regulation 547/71, is amended by adding thereto the following items:

5a. The Brockville and District Association for the Mentally Retarded

30a. The St. Catharines and District Association for Retarded Children

37a. Tillsonburg and District Association for the Mentally Retarded

2. Note 3 of the Schedule to Form 10 of Regulation 160 of Revised Regulations of Ontario, 1970, as made by section 17 of Ontario Regulation 547/71, is revoked and the following substituted therefor:

NOTE 3: Where part only of the facility is used as a day nursery, capital costs qualifying for subsidy will be the proportion of the cost that the floor space used as a day nursery bears to the total floor space of the building or addition. For this reason when, in the Schedule, clause *c* of item 1 does not agree with clause *b* of item 1 the following calculation must be completed to arrive at costs qualifying for capital grant in clauses *a* and *b* of item 2 of the Schedule.

$$\frac{\text{Clause } c \text{ of item 1}}{\text{Clause } b \text{ of item 1}} \times 100 = \text{Percentage of capital cost for which grant is payable}$$

	Total Project Cost	Percentage from above	Capital Cost for Item 2
Land cost, where applicable	\$ _____	\$ _____	\$ _____
Erection or acquisition costs	\$ _____	\$ _____	\$ _____

O. Reg. 82/73, s. 2.

3. Form 11 of Regulation 160 of Revised Regulations of Ontario, 1970, as made by section 17 of Ontario Regulation 547/71, is amended by striking out the last line and inserting in lieu thereof "Dated at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_".

(4920)

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#### THE DAY NURSERIES ACT

O. Reg. 83/73.

General.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

#### REGULATION MADE UNDER THE DAY NURSERIES ACT

- 1.—(1) Schedule 2 to Regulation 160 of Revised Regulations of Ontario, 1970, as made by section 15 of Ontario Regulation 547/71, is amended by adding thereto the following item:
- 7a. Chatham-Kent & District Association For Retarded Children
- (2) Item 28a of the said Schedule 2, as made by section 1 of Ontario Regulation 384/72, is revoked and the following substituted therefor:
- 28a. Peace Bridge Area Association for the Mentally Retarded
- 28b. Peterborough and District Association for the Mentally Retarded

(4921)

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#### THE DISTRICT WELFARE ADMINISTRATION BOARDS ACT

O. Reg. 84/73.

Application for Grant under Section 10 of the Act.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

#### REGULATION MADE UNDER THE DISTRICT WELFARE ADMINISTRATION BOARDS ACT

1. Regulation 225 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:
- 3a.—(1) For the purpose of determining the membership of a board, the districts for which the boards have been established are divided into the areas set out in the schedules.
- (2) For each board named in the heading of a Schedule, the number of members, the areas in a district that they represent and the manner of their appointment shall be that set out in the Schedule.
- (3) A member at large of a board shall hold office for a term not exceeding three years.

(4) The term of office of each member of a board who is not a member at large is,

- (a) one year where any of the municipalities in an area represented by the member elects its Council for a term of one year; or
- (b) two years where all of the municipalities in an area represented by the member elect their councils for a term of two years,

and, subject to subsection 5, shall commence on the first day of April in the year of his appointment.

(5) The term of office of each member representing The Regional Municipality of Sudbury on the District of Sudbury Welfare Administration Board for the years 1973 and 1974 shall commence on the first day of January in the year 1973.

(6) A member of a board is eligible for re-appointment at the expiration of his term of office.

(7) Where the office of a member of a board becomes vacant before the end of the term of office of the member a new member may be appointed for the remainder of the unexpired term. O. Reg. 84/73, s. 1.

2. Regulation 225 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

#### Schedule 1

##### THE DISTRICT OF SUDBURY WELFARE ADMINISTRATION BOARD

The District of Sudbury Welfare Administration Board shall consist of nine members and the areas they represent and the manner of their appointment shall be as follows:

1. One member at large to be appointed by the Lieutenant Governor in Council.
2. Area 1, represented by six members to be appointed by the Regional Council of the Regional Municipality of Sudbury.
3. Area 2, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Chapleau,
  - ii. The Corporation of the Township of Hagar,
  - iii. The Corporation of the Township of Casimir, Jennings and Appleby,
  - iv. The Corporation of the Township of Ratter and Dunnet, and

v. The Corporation of the Township of Cosby, Mason and Martland.

4. Area 3, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Espanola,
  - ii. The Corporation of the Township of Hallam,
  - iii. The Corporation of the Town of Massey,
  - iv. The Corporation of the Township of Salter, May and Harrow,
  - v. The Corporation of the Town of Webbwood,
  - vi. The Corporation of the Township of Nairn and,
  - vii. The Corporation of the Township of Baldwin. O. Reg. 84/73, s. 2, *part.*

#### Schedule 2

##### THE DISTRICT OF ALGOMA WELFARE ADMINISTRATION BOARD

The District of Algoma Welfare Administration Board shall consist of nine members and the areas they represent and the manner of their appointment shall be as follows:

1. Two members at large to be appointed by the Lieutenant Governor in Council.
2. Area 1, represented by one member to be appointed by the municipal council of The Corporation of the Township of Elliot Lake.
3. Area 2, represented by one member to be appointed by the municipal council of The Corporation of the Town of Blind River.
4. Area 3, represented by one member to be appointed by the municipal council of The Corporation of the Township of Michipicoten.
5. Area 4, represented by four members to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Thompson,
  - ii. The Corporation of the Village of Iron Bridge,



- iii. The Corporation of the Township of Day and Bright Additional,
- iv. The Corporation of the Township of Thessalon,
- v. The Corporation of the Town of Thessalon,
- vi. The Corporation of the Township of Plummer Additional,
- vii. The Corporation of the Town of Bruce Mines,
- viii. The Corporation of the Township of Johnson,
- ix. The Corporation of the Township of Tarbutt and Tarbutt Additional,
- x. The Corporation of the Township of Prince,
- xi. The Corporation of the Township of Macdonald, Meredith and Aberdeen Additional,
- xii. The Corporation of the Township of St. Joseph,
- xiii. The Corporation of the Township of Jocelyn,
- xiv. The Corporation of the Township of Hilton,
- xv. The Corporation of the Village of Hilton Beach,
- xvi. The Corporation of the Township of Laird,
- xvii. The Corporation of the Improvement District of White River, and
- xviii. The Corporation of the Township of Wicksteed. O. Reg. 84/73, s. 2, *part.*

### Schedule 3

#### THE DISTRICT OF NIPISSING WELFARE ADMINISTRATION BOARD

The District of Nipissing Welfare Administration Board shall consist of seven members and the areas they represent and the manner of their appointment shall be as follows:

- 1. Two members at large to be appointed by the Lieutenant Governor in Council.
- 2. Area 1, represented by one member to be appointed by the municipal council of The Corporation of the Town of Sturgeon Falls.

- 3. Area 2, represented by one member to be appointed by the municipal council of The Corporation of the Improvement District of Temagami.
- 4. Area 3, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Bonfield,
  - ii. The Corporation of the Township of Bonfield,
  - iii. The Corporation of the Township of East Ferris, and
  - iv. The Corporation of the Township of Chisholm.
- 5. Area 4, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Cache Bay,
  - ii. The Corporation of the Township of Caldwell,
  - iii. The Corporation of the Township of Springer, and
  - iv. The Corporation of the Township of Field.
- 6. Area 5, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Mattawa,
  - ii. The Corporation of the Township of Airy,
  - iii. The Corporation of the Township of Calvin,
  - iv. The Corporation of the Township of Mattawan,
  - v. The Corporation of the Township of Papineau, and
  - vi. The Corporation of the Improvement District of Cameron. O. Reg. 84/73, s. 2, *part.*

### Schedule 4

#### THE DISTRICT OF COCHRANE WELFARE ADMINISTRATION BOARD

The District of Cochrane Welfare Administration Board shall consist of nine members and the areas they represent and the manner of their appointment shall be as follows:

1. Two members at large to be appointed by the Lieutenant Governor in Council.
2. Area 1, represented by one member to be appointed by the municipal council of The Corporation of the Town of Hearst.
3. Area 2, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Kapuskasing, and
  - ii. The Corporation of the Township of Owens, Williamson and Idington.
4. Area 3, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Fauquier, and
  - ii. The Corporation of the Township of Shackleton and Machin.
5. Area 4, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Smooth Rock Falls, and
  - ii. The Corporation of the Township of Kendrey.
6. Area 5, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Cochrane, and
  - ii. The Corporation of the Township of Glackmeyer.
7. Area 6, represented by one member to be appointed by the municipal council of the Corporation of the Town of Iroquois Falls.
8. Area 7, represented by one member to be appointed by the municipal council of the Corporation of the Township of Black River-Matheson. O. Reg. 84/73, s. 2, *part.*

#### Schedule 5

##### THE DISTRICT OF RAINY RIVER WELFARE ADMINISTRATION BOARD

The District of Rainy River Welfare Administration Board shall consist of eight members and the areas they represent and the manner of their appointment shall be as follows:

1. Two members at large to be appointed by the Lieutenant Governor in Council.
2. Area 1, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Morson, and
  - ii. The Corporation of the Township of McCrosson and Tovell.
3. Area 2, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Atwood,
  - ii. The Corporation of the Township of Blue,
  - iii. The Corporation of the Town of Rainy River, and
  - iv. The Corporation of the Township of Worthington.
4. Area 3, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Chapple,
  - ii. The Corporation of the Township of Dilke, and
  - iii. The Corporation of the Township of Morley.
5. Area 4, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Alberton,
  - ii. The Corporation of the Township of Emo,
  - iii. The Corporation of the Township of La Vallee, and
  - iv. The Corporation of the Improvement District of Kingsford.
6. Area 5, represented by one member to be appointed by the municipal council of The Corporation of the Town of Fort Frances.
7. Area 6, represented by one member to be appointed by the municipal council of The Corporation of the Township of Atikokan. O. Reg. 84/73, s. 2, *part.*

## Schedule 6

THE DISTRICT OF PARRY SOUND  
WELFARE ADMINISTRATION BOARD

The District of Parry Sound Welfare Administration Board shall consist of fourteen members and the areas they represent and the manner of their appointment shall be as follows:

1. Two members at large to be appointed by the Lieutenant Governor in Council.
2. Area 1, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Parry Sound,
  - ii. The Corporation of the Township of Christie,
  - iii. The Corporation of the Township of Foley,
  - iv. The Corporation of the Township of Humphrey, and
  - v. The Corporation of the Village of Rosseau.
3. Area 2, represented by one member to be appointed jointly by,
  - (a) the municipal councils of,
    - i. The Corporation of the Township of Carling,
    - ii. The Corporation of the Township of Hagerman,
    - iii. The Corporation of the Township of McDougall,
    - iv. The Corporation of the Township of McKellar; and
  - (b) the council of The Ojibways of the Henvey Inlet Indian Band.
4. Area 3, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Town of Powassan,
  - ii. The Corporation of the Town of Trout Creek,
- iii. The Corporation of the Township of Nipissing,
- iv. The Corporation of the Township of North Himsworth, and
- v. The Corporation of the Township of South Himsworth.
5. Area 4, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Village of Magnetawan,
  - ii. The Corporation of the Village of South River,
  - iii. The Corporation of the Village of Sundridge,
  - iv. The Corporation of the Township of Chapman,
  - v. The Corporation of the Township of Joly, and
  - vi. The Corporation of the Township of Machar.
6. Area 5, represented by one member to be appointed jointly by the municipal councils of,
  - i. The Corporation of the Township of Armour,
  - ii. The Corporation of the Village of Burk's Falls,
  - iii. The Corporation of the Town of Kearney,
  - iv. The Corporation of the Township of McMurrich,
  - v. The Corporation of the Township of Perry,
  - vi. The Corporation of the Township of Ryerson, and
  - vii. The Corporation of the Township of Strong.
7. Area 6, represented by seven members to be appointed jointly by the municipal councils of all the municipalities for which the Board is established. O. Reg. 84/73, s. 2, *part*.



## THE LOCAL ROADS BOARDS ACT

**O. Reg. 85/73.**

Establishment of Local Roads Areas.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

ORDER MADE UNDER  
THE LOCAL ROADS BOARDS ACT

1. Schedule 82 to Regulation 571 of Revised Regulations of Ontario, 1970 is revoked.
2. Regulation 571 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 182**

## CLEARWATER LAKE LOCAL ROADS AREA

All those portions of the townships of Senn and Fleming in the Territorial District of Rainy River shown outlined on Ministry of Transportation and Communications plan N-1467-1, filed in the office of the Registrar of Regulations at Toronto as No. 1533. O. Reg. 85/73, s. 2.

3. Schedule 204 to Regulation 571 of Revised Regulations of Ontario, 1970, as made by section 2 of Ontario Regulation 100/72, is revoked and the following substituted therefor:

**Schedule 204**

## MUNRO POINT LOCAL ROADS AREA

All those portions of the Township of Hagey in the Territorial District of Thunder Bay shown outlined on Ministry of Transportation and Communications plan N-791-C2, filed in the office of the Registrar of Regulations at Toronto as No. 1534. O. Reg. 85/73, s. 3.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 21st day of February, 1973.

## THE PUBLIC LANDS ACT

**O. Reg. 86/73.**

Restricted Area—District of Thunder Bay.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

ORDER MADE UNDER  
THE PUBLIC LANDS ACTRESTRICTED AREA—DISTRICT OF  
THUNDER BAY

1. The area in territory without municipal organization, more particularly described in Schedule "A" hereto and being composed of part of the Territorial District of Thunder Bay is designated as a restricted area. O. Reg. 86/73, s. 1.

**Schedule "A"**

All that parcel or tract of land in the Territorial District of Thunder Bay and Province of Ontario which is described as follows:

Commencing at the southeasterly corner of the Municipality of the Township of Marathon; thence northerly along the easterly boundary of the said Township of Marathon to the northerly boundary of the Township of Pic; thence easterly along the said northerly boundary of the Township of Pic to the northeasterly corner thereof; thence southerly along the easterly boundary of the Township of Pic and its production southerly to the high-water mark along the northerly shore of the White River; thence in a general westerly, northerly and westerly direction following the said high-water mark of the White River to its confluence with the high-water mark along the easterly shore of Lake Superior; thence west astronomically 4.5 miles; thence north astronomically to the southerly boundary of the said Municipality of the Township of Marathon; thence easterly along that boundary to the point of commencement. O. Reg. 86/73, Sched. A.

LEO BERNIER  
*Minister of Natural Resources*

Dated the 21st day of February, 1973.

**THE HIGHWAY TRAFFIC ACT****O. Reg. 87/73.**

Load Limits.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT****LOAD LIMITS**

1.—(1) The provisions of subsections 4 and 5 of section 66 and subsections 4 and 5 of section 77 of the

Act are declared to be applicable to those parts of the King's Highway described in Schedule 1.

(2) The provisions of subsections 4, 5 and 6 of section 66 and subsections 4, 5 and 6 of section 77 of the Act shall extend and apply to those parts of the King's Highway described in Schedule 2 from the 1st day of March, 1973 to the 31st day of May, 1973, both inclusive.

(3) Where a highway is referred to in Schedule 1 or 2 by number, the reference is to that part of the King's Highway that is known thereby. O. Reg. 87/73, s. 1.

2. Ontario Regulation 50/72 is revoked.

**Schedule 1**

Item Number	Number of the King's Highway	Parts of the King's Highway
1	4	from Durham to Flesherton
2	18A	All
3	33	from Bath to the Eastern Terminal of the Glenora-Adolphustown Ferry
4	41	from Highway No. 7 to Erinsville
5	42	from junction of Highway No. 15 and Highway No. 42 to Delta
6	43	from the separated town of Smiths Falls to junction of Old Highway No. 16 at Kemptville; and from junction of New Highway No. 16 east of Kemptville easterly to its intersection with the road allowance between the Township of South Gower in the County of Grenville and the Township of Mountain in the County of Dundas
7	47	from the northerly limit of the Village of Stouffville to Goodwood
8	48	from 5.2 miles north of junction of Highway No. 47 and Highway No. 48 to Sutton
9	52	from Highway No. 2 to Highway No. 5, from Highway No. 8 to Highway No. 97, and from Highway No. 97 north to the Wellington-Wentworth County Line
10	54	from ¼ mile south of Highway No. 2 to Highway No. 6
11	95	All
12	96	All
13	97	from Highway No. 8 (Cambridge, formerly known as Galt) to Highway No. 6 (Freelton)
14	99	from Dundas to 4 miles east of Highway No. 24

Item Number	Number of the King's Highway	Parts of the King's Highway
15	117	Bathurst Street in the Town of Vaughan in The Regional Municipality of York from the northerly limit of Metropolitan Toronto to Highway No. 7
16	138	from junction of Highway No. 43 and 138 northerly to junction of Highway No. 417
17	—	commonly known as "Dawson's Point Road" from Highway No. 96 to Dawson's Dock
18	—	Centennial Road, from the northerly limit of Highway No. 3 northerly along Centennial Road (between Lot 10, formerly 55, and Lot 11, formerly 56), Concession 9 Township of Yarmouth, to the road allowance south of the Edgeware Road a distance of 5350 feet more or less or 1.015 miles. Ministry of Transportation and Communications Plan P-2058-25, registered February 13, 1958, Order-in-Council OC 270/58, dated January 30, 1958
19	—	commonly known as "Rest Acres Road" from Highway No. 53 to Highway No. 2
20	—	former Township Road between lots 5 and 6 in the Township of Chatham in the Gore of Chatham in the County of Kent and lots 5 and 6 in the Township of Sombra in the County of Lambton from existing Highway No. 40 northerly 8.9 miles to junction of Lambton Road No. 2

O. Reg. 87/73, Sched. 1.

### Schedule 2

All that part of the King's Highway lying in that part of Ontario north of the line formed by the Severn River, Highway No. 69 from Washago to Highway No. 12, Highway No. 12 from Highway No. 69 to Highway No. 7 north of Sunderland, Highway No. 7 from Highway No. 12 to Perth, Highway No. 7 from Perth to Highway No. 7B, Highway No. 7B to Highway No. 29 and Highway No. 29 to Arnprior, excepting thereout the following:

#### 1. Highway No. 7B,

- (a) from the westerly limit of Lindsay to junction of Highways No. 7, No. 7B and No. 35;
- (b) from the south limit of Lindsay to junction of Highways No. 7, No. 7B, No. 35 and No. 35B;
- (c) from Fowlers Corner to the northerly limit of Peterborough;
- (d) from the easterly limit of Peterborough to the east junction of Highways No. 7 and No. 7B.

#### 2. Highway No. 11 from the Severn River to the International Boundary, Town of Rainy River.

#### 3. Highway No. 11B,

- (a) from the northerly limit of North Bay to North Bay Bypass;
- (b) from Highway No. 11 south of Cobalt to Highway No. 11 north of New Liskeard;
- (c) from Highway No. 11 to Atikokan.

#### 4. Highway No. 17 from Arnprior to Manitoba Border.

#### 5. Highway No. 17B from the northerly limit of North Bay to North Bay Bypass.

#### 6. Highway No. 28,

- (a) from junction of Highway No. 7 to Peterborough west limit;
- (b) from Peterborough to Bancroft.



7. Highway No. 35 from Highway No. 7 to junction of Highway No. 35 and Highway No. 60 at Dwight.
8. Highway No. 35A from Highway No. 35 to junction of Highway No. 121, Fenelon Falls.
9. Highway No. 36 from junction of Highway No. 7, Lindsay, to south junction of Highway No. 36 and Highway No. 507 to Buckhorn.
10. Highway No. 41 from Highway No. 7 (Kaladar) to junction of Highway No. 41 and Highway No. 60 at Eganville.
11. Highway No. 46 from Kirkfield to Highway No. 35.
12. All Highway No. 60.
13. All Highway No. 61.
14. Highway No. 62,
  - (a) from the Village of Madoc to the Village of Barry's Bay;
  - (b) from Highway No. 17 to Quebec Boundary.
15. Highway No. 63 from North Bay to junction of Highway No. 533 and Highway No. 63.
16. Highway No. 64,
  - (a) from Highway No. 69 to a point 5.5 miles north of Noelville;
  - (b) from Sturgeon Falls town limit northerly for 2.0 miles.
17. Highway No. 65 from New Liskeard to Quebec Border.
18. Highway No. 66 from Highway No. 11 to Quebec Border.
19. Highway No. 67 from Highway No. 101 to Iroquois Falls.
20. All Highway No. 68.
21. Highway No. 69,
  - (a) from Highway No. 103 to Capreol;
  - (b) from Gravenhurst to Glen Orchard.
22. Highway No. 69B from the easterly limit of Parry Sound to the south junction of Highways No. 69 and No. 69B and from the north limit of Parry Sound (Isabella Street) to the north junction of Highway No. 69 and No. 69B.
23. All Highway No. 71.
24. All Highway No. 72.
25. All Highway No. 94.
26. Highway No. 101,
  - (a) from 13.1 miles west of Highway No. 144 to 0.3 mile east of Highway No. 572.
  - (b) from Highway No. 17 to Yonge Street at Foleyet.
27. Highway No. 102 from 4.6 miles east of Highways No. 11 and 17 at Sistonens Corners easterly to Highway No. 11 in Thunder Bay.
28. Highway No. 103 from Port Severn to junction of Highway No. 69 and Highway No. 103.
29. All Highway No. 105.
30. All Highway No. 108.
31. Highway No. 112 from Highway No. 11 to Highway No. 66.
32. All Highway No. 116.
33. Highway No. 118,
  - (a) from Muskoka Road No. 7 to Bracebridge;
  - (b) from junction Highway No. 35 (Dorset) westerly 5.7 miles.
34. Highway No. 121,
  - (a) from junction of Highway No. 35 south of Fenelon Falls to junction of Highway No. 35A, Fenelon Falls;
  - (b) from the north junction of Highway No. 35 and Highway No. 121 to south junction of Highway No. 519, Haliburton;
  - (c) from junction of Highway No. 503 (Tory Hill) to junction of Highway No. 28.
35. Highway No. 123 from Highway No. 11 to the Airport.
36. Highway No. 124 from junction of Highway No. 69 easterly to McKellar.

37. All Highway No. 125.
38. Highway No. 127 from junction of Highway No. 60 to junction of Highway No. 62 (Maynooth).
39. Highway No. 129 from south junction of Highway No. 101 and Highway No. 129 to Chapleau.
40. Highway No. 132 from junction of Highway No. 41 to Renfrew.
41. All Highway No. 144.
42. Highway No. 507 from the south junction of Highway No. 36 and Highway No. 507 southerly 0.25 mile to Buckhorn.
43. Highway No. 516 from junction of Highway No. 516 and Highway No. 11 to junction of Highway No. 516 and Highway No. 532.
44. All Highway No. 526.
45. All Highway No. 531.
46. All Highway No. 536.
47. Highway No. 539 from junction of Highway No. 17 at Warren northerly for 5.0 miles.
48. All Highway No. 541.
49. Highway No. 541A from junction of Highway No. 541 to Falconbridge.
50. All Highway No. 543.
51. Highway No. 544 from junction of Highway No. 144 to Levack.
52. Highway No. 545 from Capreol to Milnet.
53. All Highway No. 547.
54. All Highway No. 550.
55. Highway No. 558 from Highway No. 11 to Highway No. 11B in the Town of Haileybury.
56. All Highway No. 565.
57. All Highway No. 576.
58. All Highway No. 578.
59. All Highway No. 581.
60. Highway No. 584 from Highway No. 11 to south limit of Geraldton.
61. Highway No. 589 from Highway No. 102 to Highway No. 591.

62. Highway No. 590 from Thunder Bay City Limits to Murillo.
63. All Highway No. 606.
64. All Highway No. 614.
65. All Highway No. 618.
66. All Highway No. 623.
67. All Highway No. 627.
68. All Highway No. 628.
69. All Highway No. 629.
70. All Highway No. 634.
71. All Highway No. 639.
72. Highway No. 648 from the west limits of Harcourt to the east junction of Highway No. 648 and Highway No. 121.
73. All Highway No. 650.
74. All Highway No. 655.
75. All Highway No. 661.
76. All Tertiary Road No. 806.
77. Yonge Street from Highway No. 101 to Foleyet. O. Reg. 87/73, Sched. 2.

(4925)

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**THE HIGHWAY TRAFFIC ACT****O. Reg. 88/73.**

Stop Signs at Intersections.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Schedule 9 to Regulation 432 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 9**

1. Highway No. 76 in the Village of West Lorne in the County of Elgin at its intersection with the roadway known as Main Street.

2. Northbound and southbound on Highway No.

76. O. Reg. 88/73, s. 1.

2. Schedule 22 to Regulation 432 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 22**

1. Highway No. 6 in the Town of Port Dover in the County of Norfolk at its intersection with the roadway known as Main Street.

2. Westbound on Highway No. 6. O. Reg. 88/73, s. 2.

3. Schedule 23 to Regulation 432 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 23**

1. Highway No. 4 in the Village of Port Stanley in the County of Elgin at its intersection with the roadway known as George Street.

2. Northbound on Highway No. 4. O. Reg. 88/73, s. 3.

4. Schedule 39 to Regulation 432 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 39**

1. Old Highway No. 69 in the Township of Broder in the Territorial District of Sudbury at its intersection with the roadways known as Rockwood Drive and Public Road.

2. Westbound on Old Highway No. 69. O. Reg. 88/73, s. 4.

(4926) 10

**THE HIGHWAY TRAFFIC ACT****O. Reg. 89/73.**

Use of Controlled-Access Highways by Pedestrians.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Regulation 434 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

**Schedule 13**

1. That part of the King's Highway known as No. 6 in the County of Wellington lying between a point situate at its intersection with the King's Highway known as No. 401 in the Township of Puslinch and a point situate at its intersection with the roadway known as Woodlawn Road in the City of Guelph. O. Reg. 89/73, s. 1, *part*.

**Schedule 14**

1. That part of the King's Highway known as Brantford Expressway No. 2 in the City of Brantford in the County of Brant lying between a point situate at its intersection with the roadway known as Mount Pleasant Street and a point situate at its intersection with the roadway known as Market Street. O. Reg. 89/73, s. 1, *part*.

(4927)

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**THE HIGHWAY TRAFFIC ACT****O. Reg. 90/73.**

State of North Carolina—Exemption from Registration.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT****STATE OF NORTH CAROLINA  
EXEMPTION FROM REGISTRATION**

1. Every commercial motor vehicle that is owned by a resident of the State of North Carolina and registered in North Carolina is exempt from registration while the vehicle is operated in Ontario if the vehicle is a commercial motor vehicle being operated in Ontario for the purpose of transporting fresh fruit, fresh vegetables and natural agricultural products, including Christmas trees, hay, nursery stock, peat moss and straw, but not including cotton or tobacco. O. Reg. 90/73, s. 1.

(4928)

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**THE HIGHWAY TRAFFIC ACT****O. Reg. 91/73.**

Speed Limits.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Paragraph 17 of Part 4 of Schedule 17 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

2.—(1) Paragraph 1 of Part 5 of Schedule 18 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:



1. That part of the King's Highway known as No. 11B in the Town of Huntsville in The District Municipality of Muskoka lying between a point situate at its intersection with the King's Highway known as No. 11 and a point situate at its intersection with the line between lots 9 and 10 in Concession 1 in the former Township of Chaffey.

(2) Paragraph 5 of Part 5 of the said Schedule 18 is revoked.

3.—(1) Paragraph 1 of Part 2 of Schedule 68 to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 10 of Ontario Regulation 283/71, is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 60 in the Town of Huntsville in The District Municipality of Muskoka lying between a point situate 300 feet measured westerly from its intersection with the line between concessions 10 and 11 in the former Township of Franklin and a point situate at its intersection with the easterly limit of the roadway known as Muskoka District Road No. 3.

(2) Paragraph 2 of Part 5 of the said Schedule 68 is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 60 in the Township of Lake of Bays in The District Municipality of Muskoka lying between a point situate 500 feet measured easterly from its intersection with the line between lots 10 and 11 in Concession 10 in the former Township of Franklin and a point situate 300 feet measured westerly from its intersection with the line between concessions 10 and 11 in the said former Township of Franklin.

4. Part 3 of Schedule 78 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 69 in the Town of Gravenhurst in The District Municipality of Muskoka lying between a point situate at its intersection with the northerly junction of the King's Highway known as No. 11 and a point situate 500 feet measured southerly from its intersection with the roadway known as Edward Street.

5.—(1) Part 3 of Schedule 110 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### PART 3

1. That part of the King's Highway known as No. 118 in the Town of Bracebridge in The District Municipality of Muskoka lying between a point situate at its intersection with the southerly junction of the King's Highway known as No. 11 and a point situate at its intersection with the line between the Town of Gravenhurst and the Township of Lake of Bays.

2. That part of the King's Highway known as No. 118 in the Town of Bracebridge in The District Municipality of Muskoka lying between a point situate at its intersection with the roadway known as Muskoka District Road No. 15 and a point situate 2800 feet measured westerly from its intersection with the roadway known as Muskoka District Road No. 4. O. Reg. 91/73, s. 5 (1).

(2) Paragraph 2 of Part 5 of the said Schedule 110 is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 118 in the Town of Bracebridge in The District Municipality of Muskoka lying between a point situate at its intersection with the southerly junction of the King's Highway known as No. 11 and a point situate at its intersection with the line between lots 4 and 5 in Concession 2 in the former Township of Macaulay.

6. Paragraph 1 of Part 7 of Schedule 131 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

7. Part 3 of Schedule 135 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### PART 3

1. That part of the King's Highway known as No. 516 in the Town of Huntsville in The District Municipality of Muskoka lying between a point situate 2700 feet measured westerly from its intersection with the centre-line of the Canadian National Rail-

ways' right-of-way and a point situate at its intersection with the line between the Town of Huntsville and the Township of Muskoka Lakes.

- District Municipality of Muskoka—  
Town of Huntsville
2. That part of the King's Highway known as No. 516 in the Town of Huntsville in The District Municipality of Muskoka lying between a point situate 700 feet measured easterly from its intersection with the centre-line of the Canadian National Railways' right-of-way and a point situate at its intersection with the King's Highway known as No. 11. O. Reg. 91/73, s. 7.

8. Paragraph 1 of Part 5 of Schedule 140 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

9. Paragraph 1 of Part 1 of Schedule 141 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

10.—(1) Paragraph 1 of Part 5 of Schedule 171 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked.

(2) Paragraph 1 of Part 7 of the said Schedule 171 is revoked.

(4929)

10

### THE HIGHWAY TRAFFIC ACT

#### O. Reg. 92/73.

Speed Limit—Brock Road, City of Guelph.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Regulation 428 of Revised Regulations of Ontario, 1970 is revoked.

(4930)

10

### THE HIGHWAY TRAFFIC ACT

#### O. Reg. 93/73.

Demerit Point System.

Made—February 21st, 1973.

Filed—February 23rd, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Item 7 of the Table to Regulation 413 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

7 Sections 87, 90 (1), 91, 93 (2) and 96 (10) of *The Highway Traffic Act*

3 Failing to yield right of way

(4931)

10

# Publications Under The Regulations Act

March 17th, 1973

## THE PITS AND QUARRIES CONTROL ACT, 1971

O. Reg. 94/73.

General.

Made—February 21st, 1973.

Filed—February 26th, 1973.

### REGULATION MADE UNDER THE PITS AND QUARRIES CONTROL ACT, 1971

- 1.—(1) Subsection 2 of section 5 of Ontario Regulation 545/71, as remade by section 4 of Ontario Regulation 107/72, is amended by striking out "subsection 4" in the fourth line and inserting in lieu thereof "subsections 4 and 5".
- (2) Subsection 4 of the said section 5 is revoked and the following substituted therefor:
- (4) Where a pit or quarry is in operation and progressive rehabilitation has been carried out, the operator of the pit or quarry may deduct from the amount payable under subsection 2, such amounts as are approved by the Minister that have been expended in progressive rehabilitation on or before the 15th day of October in the previous calendar year, provided the operator shall not be entitled to reduce the amount payable to less than \$100 for each acre requiring rehabilitation.

- (5) Where an operator of a pit or quarry has filed security under subsection 1 in excess of \$100 for each acre requiring rehabilitation, he is entitled upon submission of proof satisfactory to the Minister of the performance of progressive rehabilitation, to a refund of the portion of the excess as determined by the Minister based on the amount of the rehabilitation carried out. O. Reg. 94/73, s. 1 (2).

(4976)

## THE SMALL CLAIMS COURTS ACT

O. Reg. 95/73.

Courts.

Made—February 21st, 1973.

Filed—February 26th, 1973.

### REGULATION MADE UNDER THE SMALL CLAIMS COURTS ACT

1. Schedules 124, 125 and 126 of Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 126

1. The Seventh Small Claims Court of the Judicial District of Ottawa-Carleton.
2. The Regional Municipality of Ottawa-Carleton.
3. The City of Ottawa. O. Reg. 95/73, s. 1.

(4977)

11

## THE REGISTRY ACT

O. Reg. 96/73.

Forms and Records.

Made—February 21st, 1973.

Filed—February 27th, 1973.

### REGULATION MADE UNDER THE REGISTRY ACT

1. Section 10 of Ontario Regulation 150/72 is revoked and the following substituted therefor:

10. The use of forms 12, 13 and 14 of Regulation 777 of Revised Regulations of Ontario, 1970 as



they were before this Regulation comes into force, for declarations and affidavits sworn before the 1st day of April, 1973 shall be deemed to be compliance with forms 12, 13 and 14 as remade by this Regulation. O. Reg. 96/73, s. 1.

2. This Regulation shall be deemed to have come into force on the 1st day of January, 1973.

(4978)

11

### THE LAND TITLES ACT

#### O. Reg. 97/73.

General.

Made—February 21st, 1973.

Filed—February 27th, 1973.

### REGULATION MADE UNDER THE LAND TITLES ACT

1. Subsection 3 of section 23 of Ontario Regulation 149/72 is revoked and the following substituted therefor:

(3) The use of forms 23, 38 and 39 of Regulation 553 of Revised Regulations of Ontario, 1970 as they were before this Regulation comes into force, for affidavits sworn before the 1st day of April, 1973 shall be deemed to be compliance with forms 23 and 38 as remade by this Regulation. O. Reg. 97/73, s. 1.

2. This Regulation shall be deemed to have come into force on the 1st day of January, 1973.

(4979)

11

### THE PLANNING ACT

#### O. Reg. 98/73.

Restricted Areas—Regional Municipality of York, Town of Markham.

Made—February 21st, 1973.

Filed—February 28th, 1973.

### ORDER MADE UNDER THE PLANNING ACT

1. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72, 491/72 and 1/73, is further amended by adding thereto the following section:

24. Notwithstanding any other provisions of this Order, the land described in Schedule 12 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

### AREA REQUIREMENTS

- |                          |  |
|--------------------------|--|
| 1. Minimum front yard    | 25 feet  |
| Minimum side yard        | 10 feet  |
| Minimum rear yard        | 25 feet  |
| Minimum total floor area | one storey—1500 square feet<br>one and one-half storeys—1650 square feet<br>two storeys—1800 square feet |

### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. Accessory buildings or structures shall be erected only in the rear yard and shall be at least two feet from the nearest lot line.
3. No accessory building or structure shall be used for human habitation. O. Reg. 98/73, s. 1.

2. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72, 491/72 and 1/73, is further amended by adding thereto the following Schedule:

### Schedule 12

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Markham in the Regional Municipality of York, formerly in the Township of Markham in the County of York, and being composed of Lot 24 according to Plan 6230 for the Town of Markham. O. Reg. 98/73, s. 2.

G. M. FARROW

Director,

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 21st day of February, 1973.

(4980)

11

### THE PLANNING ACT

#### O. Reg. 99/73.

Restricted Areas—County of Ontario, Township of Scott.

Made—February 21st, 1973.

Filed—February 28th, 1973.

### ORDER MADE UNDER THE PLANNING ACT

1. Section 16 of Ontario Regulation 105/72, as made by section 1 of Ontario Regulation 525/72, is revoked and the following substituted therefor:

16. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16 and 17 may each be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided that the requirements in section 7 and the following requirements are met:

#### REQUIREMENTS FOR THE MAIN BUILDING

##### 1. Minimum front yard 35 feet

Minimum side yard 8 feet on each of the two sides

Minimum rear yard 25 feet

Minimum ground floor area for dwellings one storey—1100 square feet  
one and one-half storeys or more—900 square feet

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. No accessory building or structure shall be located closer to the front lot line than the main building.
3. No accessory building or structure shall be less than three feet from any side or rear lot line.
4. Except for a private garage, the total lot coverage of an accessory building or structure shall not exceed 5 per cent.
5. No accessory building shall exceed a height of twelve feet. O. Reg. 99/73, s. 1.
2. Ontario Regulation 105/72, as amended by Ontario Regulations 277/72, 348/72, 406/72, 492/72 and 525/72, is further amended by adding thereto the following Schedule:

#### Schedule 17

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Scott, in the County of Ontario and being composed of part of Lot 25 in Concession III of the said Township, more particularly described as follows:

Premising that the west limit of Lot 25, Concession III Township of Scott has a bearing of north 16° west;

Beginning at the southwest limit of the said Lot;

Thence north along the west limit of the said Lot 305 feet to the point of commencement of the hereinafter described parcel;

Thence north 73° 53' east 210 feet;

Thence north 16° west 75 feet;

Thence south 73° 53' west 210 feet more or less to the west limit of the said Lot;

Thence southerly along the west limit of the said Lot 75 feet more or less to the place of beginning. O. Reg. 99/73, s. 2.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 21st day of February, 1973.

(4981)

11

#### THE PLANNING ACT

##### O. Reg. 100/73.

Restricted Areas—County of Ontario,

Township of Pickering.

Made—February 21st, 1973.

Filed—February 28th, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

1. Ontario Regulation 102/72, as amended by Ontario Regulations 179/72, 294/72, 404/72, 488/72, 2/73 and 49/73, is further amended by adding thereto the following section:

22. Notwithstanding any other provisions of this Order, the lands described in Schedule 9 may be used for the erection of a poultry building and buildings and structures accessory thereto, provided the following requirements are met:

#### AREA REQUIREMENTS

1. Maximum lot coverage not to exceed 20 per cent

Minimum front yard 50 feet

Minimum rear yard 50 feet

Minimum side yard 20 feet

#### OBSTRUCTION OF YARDS

2. Except for,

- (i) main eaves, belt courses, chimney breasts, sills or cornices that do not extend more than two feet into any required yard,



- (ii) uncovered steps or platforms not exceeding three feet in height above grade and not extending more than five feet into any required front or rear yard or more than two feet into any side yard,
- (iii) awnings, clothes poles, recreational equipment, garden trellises or similar accessories,
- (iv) fences in a side or rear yard,
- (v) hedges or ornamental fences not exceeding three feet six inches in height in a front yard, or
- (vi) accessory uses permitted by this Order,

no person shall obstruct or cause any obstruction in any front yard, side yard or rear yard required to be provided by this Order.

#### REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

3. All accessory buildings that are not part of the main building shall be erected in the rear yard and shall be not less than three feet from any lot line.
4. Except for a private garage, the total lot coverage of an accessory building shall not exceed 5 per cent.
5. No accessory building shall exceed a height of twelve feet.
6. No accessory building shall be used for human habitation. O. Reg. 100/73, s. 1.
2. Ontario Regulation 102/72, as amended by Ontario Regulations 179/72, 294/72, 404/72, 488/72, 2/73 and 49/73, is further amended by adding thereto the following Schedule:

#### Schedule 9

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Pickering in the County of Ontario and being composed of part of Lot 3, Concession V, in the Township of Pickering, more particularly described as follows:

Premising that the southerly limit of Lot 3 has a bearing of north 72° 30' east and relating all bearings used herein thereto;

Beginning at the southeast angle of said Lot 3;

Thence westerly along the southerly limit of said Lot 3, 917 feet more or less to a stake planted distant 1750 feet measured easterly along the southerly limits of Lot 4 and said Lot 3 in Concession V from the southwest angle of said Lot 4 aforesaid;

Thence north 19° 19' west in a straight line to a point where a line drawn parallel to the southerly limit of said Lot 3, through a point in the east limit of the said Lot, distant 600 feet measured northerly therealong from the southeast angle thereof, would intersect the said straight line;

Thence easterly along the said line drawn parallel to the said southerly limit of said Lot 3, 917 feet more or less to a point in the easterly limit of said Lot 3 distant 600 feet measured northerly therealong from the southeast angle of said Lot 3;

Thence southerly along said easterly limit 600 feet more or less to the place of beginning.

Containing by admeasurement 13.5 acres more or less. O. Reg. 100/73, s. 2.

G. M. FARROW  
Director,

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 21st day of February, 1973.

(4982)

11

#### THE PLANNING ACT

##### O. Reg. 101/73.

Restricted Areas—Regional Municipality of York, Town of Whitchurch-Stouffville.

Made—February 21st, 1973.

Filed—February 28th, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

1. Paragraph 6 of section 2 of Ontario Regulation 101/72 is revoked and the following substituted therefor:

6. Lots 32 and 33 in the Township of Markham as they existed on the 31st day of December, 1970 and lots 3 to 35, both inclusive, Concession IX, saving and excepting the westerly 750 feet of lots 9 to 11, both inclusive, saving and excepting the west half of lots 16 to 19, both inclusive, and saving and excepting the west half of Lot 13. O. Reg. 101/73, s. 1.

G. M. FARROW  
Director,

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 21st day of February, 1973.

(4983)

11



## THE PLANNING ACT

**O. Reg. 102/73.**

Restricted Areas—County of Kent, Township of Chatham.

Made—February 26th, 1973.

Filed—March 1st, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Section 5 of Ontario Regulation 10/73 is amended by striking out "and" at the end of clause *c*, inserting "and" at the end of clause *d* and adding thereto the following clause:
- (e) a gas company holding a franchise from the Township of Chatham. O. Reg. 102/73, s. 1.

G. M. FARROW  
*Director,*  
*Plans Administration Branch,*  
*Ministry of Treasury, Economics*  
*and Intergovernmental Affairs*

Dated at Toronto, this 26th day of February, 1973.

(4984)

11

## THE PLANNING ACT

**O. Reg. 103/73.**

Restricted Areas—County of Kent, Township of Harwich.

Made—February 26th, 1973.

Filed—March 1st, 1973

ORDER MADE UNDER  
THE PLANNING ACT

1. Section 5 of Ontario Regulation 11/73 is amended by striking out "and" at the end of clause *c*, inserting "and" at the end of clause *d* and adding thereto the following clause:
- (e) a gas company holding a franchise from the Township of Harwich. O. Reg. 103/73, s. 1.

G. M. FARROW  
*Director,*  
*Plans Administration Branch,*  
*Ministry of Treasury, Economics*  
*and Intergovernmental Affairs*

Dated at Toronto, this 26th day of February, 1973.

(4985)

11

## THE PLANNING ACT

**O. Reg. 104/73.**

Restricted Areas—County of Kent, Township of Raleigh.

Made—February 26th, 1973.

Filed—March 1st, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Section 5 of Ontario Regulation 12/73 is amended by striking out "and" at the end of clause *c*, inserting "and" at the end of clause *d* and adding thereto the following clause:
- (e) a gas company holding a franchise from the Township of Raleigh. O. Reg. 104/73, s. 1.

G. M. FARROW  
*Director,*  
*Plans Administration Branch,*  
*Ministry of Treasury, Economics*  
*and Intergovernmental Affairs*

Dated at Toronto, this 26th day of February, 1973.

(4986)

11

## THE PLANNING ACT

**O. Reg. 105/73.**

Restricted Areas—Regional Municipality of York, Town of Whitchurch-Stouffville.

Made—March 1st, 1973.

Filed—March 1st, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72, 487/72, 545/72, 50/73 and 101/73, is further amended by adding thereto the following section:
30. Notwithstanding any other provisions of this Order, the lands described in Schedule 22 may be used for industrial purposes provided the following requirements are met:

## REQUIREMENTS FOR MAIN BUILDING

Minimum rear yard	35 feet
Minimum side yard	10 feet on each side

## MINIMUM SETBACK

No building or any part thereof shall be erected or extended nearer to the centreline of the King's Highway No. 48 than ninety-five feet.

SIGNS

1. No outdoor signs shall be permitted unless the content of the signs is directly related to the use of the land on which it is erected.
2. The erection or reconstruction of any outdoor sign must receive the approval of the Ministry of Transportation and Communications.

PARKING

A parking area for automobiles shall be provided in the ratio of one space for each 1,000 square feet of gross floor area, each space to measure at least ten feet wide and twenty feet long, and the area shall be constructed and maintained with a stable surface that will prevent the formation of dust and loose particles.

TREE SCREENING

A row of trees shall be planted parallel to the eastern and northern boundaries of the property described in Schedule 22 but no closer than five feet from such boundaries and with a minimum distance of ten feet between trees. O. Reg. 105/73, s. 1.

2. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72, 487/72, 545/72, 50/73 and 101/73, is further amended by adding thereto the following Schedule:

Schedule 22

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Markham in the County of York, and being composed of part of Lot 32 in Concession VIII, more particularly described as follows:

Beginning at the northwest corner of the said Lot 32;

Thence southerly and along the west limit of the said Lot, 236.45 feet to an iron pipe;

Thence north 74° east, ten feet to the place of beginning;

Thence continuing north 74° east, 190 feet to an iron pipe;

Thence south 9° east and parallel to the west limit of said Lot, 200 feet to an iron pipe;

Thence south 74° west, 190 feet to a point;

Thence north 90° west, 200 feet to the place of beginning. O. Reg. 105/73, s. 2.

G. M. FARROW  
Director,

Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs

Dated at Toronto, this 1st day of March, 1973.

(4987)

11

THE LIQUOR CONTROL ACT

O. Reg. 106/73.

General.

Made—January 12th, 1973.

Approved—February 28th, 1973.

Filed—March 2nd, 1973.

REGULATION MADE UNDER  
THE LIQUOR CONTROL ACT

1. Section 41 of Regulation 560 of Revised Regulations of Ontario, 1970, as remade by section 4 of Ontario Regulation 527/71, is revoked and the following substituted therefor:

41. Any preparation, combination or mixture capable of human consumption that contains less than one per cent of alcohol by volume or five per cent of alcohol by weight shall be considered to be flavoured with liquor only and not a preparation, combination or mixture to which section 56 of the Act applies. O. Reg. 106/73, s. 1.

LIQUOR CONTROL BOARD OF ONTARIO:

G. KITCHING  
Chief Commissioner

Dated at Toronto, this 12th day of January, 1973.

(4988)

11

THE WINE CONTENT ACT, 1972

O. Reg. 107/73.

General.

Made—February 27th, 1973.

Approved—February 28th, 1973.

Filed—March 2nd, 1973.

REGULATION MADE UNDER  
THE WINE CONTENT ACT, 1972

GENERAL

1. In this Regulation "Board" means the Liquor Control Board of Ontario. O. Reg. 107/73, s. 1.



2.—(1) Subject to subsection 2, each winery listed in Column 1 of the Schedule may use, in wine manufactured for the purposes set out in section 2 of the Act, the quota of grapes listed opposite thereto in Column 2 of the Schedule, or the equivalent thereof in concentrates, grown out of Ontario.

(2) Where a winery listed in Column 1 of the Schedule purchases or acquires grapes, or the equivalent thereof in juice or concentrates, grown in Ontario in 1972, and such purchase or acquisition is made after the fourteenth day of December, 1972 but before the first day of September, 1973, the quota of grapes set out opposite thereto in Column 2 shall be reduced by the number of tons of grapes, or the equivalent thereof in juice or concentrates, grown in Ontario in 1972, so purchased or acquired.

(3) A condition of the use of the quota as set out in subsections 1 and 2 is that where a winery listed in Column 1 of the Schedule purchases or acquires grapes, or the equivalent thereof in juice or concentrates, grown in Ontario in 1972 during the period set out in subsection 2, the winery shall report to the Board the quantity of grapes, or the equivalent in juice or concentrates, grown in Ontario in 1972, purchased or acquired, the price paid, and the date of the transaction. O. Reg. 107/73, s. 2.

3. The number of gallons of grape concentrate equivalent to one ton of grapes is the number obtained by multiplying thirty by a fraction, the numerator of which is seventy and the denominator of which is the Brix of the grape concentrate. O. Reg. 107/73, s. 3.

4. Before a winery listed in Column 1 of the Schedule introduces grapes, or the equivalent thereof in concentrates, grown out of Ontario, into wine manufactured for the purposes set out in section 2 of the Act, the winery shall,

(a) notify the Board in writing of the winery's intention to introduce grapes, or the equivalent thereof in concentrates, grown out of Ontario, into the manufacture of wine;

(b) supply the Board with,

(i) a copy of each order that the winery has placed for grapes, or the equivalent thereof in concentrates, grown out of Ontario,

(ii) the customs declaration and bills of lading for each order that the winery has placed for grapes, or the equivalent thereof in concentrates, grown out of Ontario, and

(iii) samples of the grapes or concentrates sufficient for analysis by the Board. O. Reg. 107/73, s. 4.

5. Wine manufactured in Ontario for the purposes set out in section 2 of the Act, shall be manufactured so that the percentage of grapes, or the concentrates thereof, grown in Ontario is not less than sixty-five per cent of the total amount of grapes, or concentrates thereof, used in the manufacture of the wine. O. Reg. 107/73, s. 5.

6. No winery listed in Column 1 of the Schedule shall introduce into wine manufactured for the purposes set out in section 2 of the Act, any grapes, or the equivalent thereof in concentrates, grown out of Ontario, where such grapes or concentrates have been purchased or otherwise acquired, directly or indirectly, from another winery listed in Column 1 of the Schedule. O. Reg. 107/73, s. 6.

#### Schedule

COLUMN 1	COLUMN 2
Winery	Quota Tons of Grapes
Andres Wines Limited	806
Barnes Wines Limited	558
T.G. Bright & Co. Limited	4,000
Chateau Cartier Wines Limited	2,719
Chateau-Gai Wines Limited	1,712
Jordan Wines Limited	6,329
London Winery Limited	1,301
Turner Wine Company	304

O. Reg. 107/73, Sched.

LIQUOR CONTROL BOARD OF ONTARIO:

R. J. HARRIS  
Deputy Chief Commissioner

Dated at Toronto, this 27th day of February, 1973.

(4989)

11

#### THE HIGHWAY TRAFFIC ACT

O. Reg. 108/73.

Driver's Licence Suspension for Default  
of Payment of Fine.

Made—February 28th, 1973.

Filed—March 2nd, 1973.

NOTE: *This Regulation does not come into operation until The Highway Traffic Amendment Act, 1972 is proclaimed in force.*

(See S.O. 1972, c. 128, s. 2.)



REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

DRIVER'S LICENCE SUSPENSION FOR  
DEFAULT OF PAYMENT OF FINE

1. Where notice is required to be given to a person under subsection 5 of section 26a of the Act, the driver records of the Ministry of Transportation and Communications shall be examined and the notice shall be sent by the Ministry of the Attorney General by first class mail addressed to the person at his address appearing on the said records and notice so sent to that address shall be sufficient notice for the purpose of subsection 5 of section 26a of the Act. O. Reg. 108/73, s. 1.
2. An Order to the Registrar directing the suspension of a driver's licence shall be in Form 1. O. Reg. 108/73, s. 2.
3. An Order to the Registrar directing the reinstatement of a driver's licence shall be in Form 2. O. Reg. 108/73, s. 3.
4. Where a person is in default of payment of all or any part of a fine imposed upon conviction for an offence against the Acts or regulations referred to in subsection 2 of section 26a of the Act, a clerk of a provincial court or any person designated by a clerk of a provincial court may present to a justice a certificate by such clerk or designated person stating that,
- (a) the person was convicted for an offence or offences under any of such Acts or regulations;

(b) no appeal was taken against the conviction or sentence, or that the appeal, if any, was dismissed or the sentence was varied;

(c) the fine imposed has not been paid and the time, if any, allowed for payment has expired; and

(d) where the person was in default of payment of all or part of a fine imposed as aforesaid immediately before *The Highway Traffic Amendment Act, 1972* came into force, notice was sent to the person pursuant to section 1 of this Regulation,

and the certificate shall constitute proof of the facts stated therein. O. Reg. 108/73, s. 4.

Form 1

*The Highway Traffic Act*

ORDER TO SUSPEND DRIVER'S LICENCE  
PURSUANT TO SECTION 26a OF THE ACT

CANADA, PROVINCE OF }  
ONTARIO }  
(County, District, }  
Judicial District) }

TO THE REGISTRAR OF  
MOTOR VEHICLES  
PROVINCE OF ONTARIO

You are hereby ordered to suspend the driver's licence of

- (name)
- (address)
- 
- 

Sex  
M/F

Date of Birth  
Day Month Year

Driver's Licence No.

pursuant to section 26a of *The Highway Traffic Act* for failure to pay a fine.

Dated at (city, town, village)

this (date) )

.....  
Provincial Judge or Justice of the Peace in and for the (County, District, Judicial District of Province)

O. Reg. 108/73, Form 1.

Form 2

*The Highway Traffic Act*

ORDER TO REINSTATE DRIVER'S LICENCE  
PURSUANT TO SECTION 26a OF THE ACT

CANADA, PROVINCE OF }  
ONTARIO }  
(County, District, }  
Judicial District) }

TO THE REGISTRAR OF  
MOTOR VEHICLES  
PROVINCE OF ONTARIO

Subject to any other suspension that may be in effect, you are hereby ordered to reinstate the driver's licence of

- (name)
- (address)
- 
- 

Sex  
M/F

Date of Birth  
Day Month Year

Driver's Licence No.

that was suspended pursuant to section 26a of *The Highway Traffic Act*.

Dated at (*city, town, village*)

this (*date*) )

.....  
Provincial Judge or Justice of the  
Peace in and for the (*County, Dis-  
trict, Judicial District or Province*)

O. Reg. 108/73, Form 2.

(4990)

11

**ERRATUM**

Vide Gazette, Vol. 106, dated February 17, 1973,  
issue No. 7, page No. 504.

Notice is hereby given that the bottom eight  
lines of column 1 were printed incorrectly and  
should therefore read as follows:

- 3. The Town of Milton. O. Reg. 41/73, s. 1.
- 2. Schedules 81, 83, 85 and 86 of Regulation  
800 of Revised Regulations of Ontario, 1970  
are revoked and the following substituted  
therefor:

**Schedule 81**

- 1. The First Small Claims Court of the United  
Counties of Leeds and Grenville.

(5078)

11





# Publications Under The Regulations Act

March 24th, 1973

## THE GAME AND FISH ACT

### O. Reg. 109/73.

Crown Game Preserves.

Made—February 28th, 1973.

Filed—March 5th, 1973.

## REGULATION MADE UNDER THE GAME AND FISH ACT

1. Schedule 44 of Appendix B to Regulation 360 of Revised Regulations of Ontario, 1970 is revoked.

(5026)

12

## THE PROVINCIAL PARKS ACT

### O. Reg. 110/73.

Designation of Parks.

Made—February 28th, 1973.

Filed—March 5th, 1973.

## REGULATION MADE UNDER THE PROVINCIAL PARKS ACT

1. Appendix B to Regulation 695 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

### Schedule 107

#### BATCHAWANA PROVINCIAL PARK

In the geographic Township of Fisher in the Territorial District of Algoma containing an area of 417.67 acres, more or less, described as follows:

Premising that the bearings hereinafter mentioned are astronomical:

Beginning at the intersection of the southerly limit of that part of the King's Highway known as No. 17 as shown on Ministry of Transportation and Communications Plan P-2375-8-J with the high-water mark along the easterly bank of the Carp River; thence south astronomically 660 feet; thence easterly in a straight line to a point distant 660 feet measured south 45° west from a point distant 390.83 feet measured south 81° 26' 11" west from the north-

easterly corner of the southwest quarter Section 15; thence north 45° east 660 feet to the southerly limit of that part of the King's Highway known as No. 17 as shown on Ministry of Transportation and Communications Plan P-2375-25; thence northwesterly along that highway limit to the high-water mark of Batchawana Bay of Lake Superior; thence in a westerly direction following that high-water mark to the easterly limit of the southeast quarter Section 8; thence northerly along that easterly limit to the southerly limit of that part of the King's Highway known as No. 17 as shown on Ministry of Transportation and Communications Plan P-2375-8; thence westerly along that highway limit to the high-water mark along the easterly bank of the Carp River; thence in a southeasterly direction following that high-water mark to the place of beginning.  
O. Reg. 110/73, s. 1.

(5027)

12

## THE PROVINCIAL PARKS ACT

### O. Reg. 111/73.

Designation of Parks.

Made—February 28th, 1973.

Filed—March 5th, 1973.

## REGULATION MADE UNDER THE PROVINCIAL PARKS ACT

1. Appendix B to Regulation 695 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

### Schedule 108

#### MISSISSAGI PROVINCIAL PARK

In geographic townships 151 and 157 in the Territorial District of Algoma, containing 7124 acres more or less described as follows:

Beginning at a point in the westerly boundary of geographic Township 151 distant 3300 feet measured southerly along that westerly boundary from the northwesterly corner thereof; thence south along that westerly boundary 1 mile and 2640 feet; thence east astronomically 2 miles and 1584 feet; thence south astronomically 1 mile and 3300 feet; thence west astronomically 2 miles and 1320 feet

more or less to the intersection with the westerly boundary of geographic Township 151; thence west astronomically 2 miles and 2970 feet; thence north astronomically 1 mile and 2970 feet more or less to the water's edge along the northerly shore of Flack Lake; thence east along that water's edge to the intersection with a line drawn south astronomically from a point distant 2 miles and 1056 feet measured west astronomically from the place of beginning; thence north astronomically 1 mile and 2574 feet more or less to the intersection with a line drawn west astronomically from the place of beginning; thence east astronomically 2 miles and 1056 feet more or less to the place of beginning.

Saving, excepting and reserving therefrom the right of way of that part of Secondary Highway Number 639 passing through the above-described lands. O. Reg. 111/73, s. 1.

(5028)

12

### THE CHILDREN'S MENTAL HEALTH CENTRES ACT

#### O. Reg. 112/73.

Application of Act.

Made—February 28th, 1973.

Filed—March 5th, 1973.

### REGULATION MADE UNDER THE CHILDREN'S MENTAL HEALTH CENTRES ACT

- 1.—(1) Item 4 of subsection 1 of section 1 of Ontario Regulation 32/71, as remade by section 1 of Ontario Regulation 236/71, is revoked and the following substituted therefor:

4. Downsview	The Dellcrest Children's Centre
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5a. Hamilton	Chedoke Child and Family Centre
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- (2) Item 2 of subsection 2 of the said section 1, as remade by section 1 of Ontario Regulation 263/71, is revoked.

2. This Regulation shall be deemed to have come into force on the 1st day of January, 1973.

(5029)

12

### THE CHARITABLE INSTITUTIONS ACT

#### O. Reg. 113/73.

General.

Made—February 28th, 1973.

Filed—March 5th, 1973.

### REGULATION MADE UNDER THE CHARITABLE INSTITUTIONS ACT

1. Subsections 2 and 4 of section 2 of Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(2) The charitable institutions listed in Schedule 2 are approved for the purposes of the Act and are specified as halfway houses where rehabilitative residential group care may be provided for adult persons. O. Reg. 113/73, s. 1, *part*.

(4) The charitable institutions listed in Schedule 4 are approved for the purposes of the Act and are specified as homes where residential group care may be provided for handicapped or convalescent adult persons. O. Reg. 113/73, s. 1, *part*.

(6) The charitable institutions listed in Schedule 6 are approved for the purposes of the Act. O. Reg. 113/73, s. 1, *part*.

2. Subsection 1 of section 15 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Where an approved corporation maintains and operates a charitable institution that is listed in Schedule 3 or 4, the board shall appoint at least one nurse or person with nursing experience to the staff of the institution and, where there are residents in bed care, at least one nurse so appointed shall be registered under *The Nurses Act*. O. Reg. 113/73, s. 2.

3. Section 17 of Regulation 85 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(4) No plans and specifications or structural sketch filed with the Minister under subsection 2 or 3 shall be changed or altered without the approval in writing of the Minister. O. Reg. 113/73, s. 3.

4. Subsections 2 and 3 of section 18 of Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:



(2) Payment of any part of a grant under clause *a* of section 5 of the Act may be made after approval has been given under clause *c* of subsection 1 of section 4 of the Act and subject to subsection 3 and an application for the payment shall be accompanied by,

- (a) a certificate of an architect or professional engineer stating the progress made towards completion for occupancy of the new building or the addition thereto; and
- (b) a report of an authorized officer of the board certifying that the amount of the payment together with all amounts of the grant previously paid does not exceed the amount of the cost that has been incurred for which the grant is payable.

(3) Final payment of a grant under clause *a* of section 5 of the Act or payment of a grant under section 6 of the Act shall not be made until,

- (a) an architect or a professional engineer certifies in Form 3 that,
  - (i) the construction of the new building or the addition to or acquisition of the building, as the case may be, has been completed in accordance with the plans thereof approved by the Minister, and
  - (ii) the building or addition is ready for use and occupancy; and
- (b) an authorized officer of the board submits a report stating,
  - (i) the actual total cost of the erection, addition or acquisition to the corporation,
  - (ii) that the total of the unpaid accounts applicable to the erection, addition or acquisition does not exceed the amount of the grant remaining to be paid,
  - (iii) that the amount of the grant remaining to be paid will be applied first in the payment of the unpaid accounts referred to in subclause ii, and
  - (iv) that all refundable sales tax has been taken into account. O. Reg. 113/73, s. 4.

5. Subsections 1, 2, 4, 5, 6 and 7 of section 20 of Regulation 85 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 268/72, are revoked and the following substituted therefor:

(1) An application by an approved corporation for a payment under section 7 of the Act in respect of a charitable institution listed in Schedule 2 or 6 shall be made in triplicate in Form 4 and shall be furnished to the Minister not later than the 20th day of each month for the immediately preceding month.

(2) An application by an approved corporation for a payment under section 7 of the Act in respect of a charitable institution listed in Schedule 3 or 4 shall be made in triplicate in Form 4A and shall be furnished to the Minister not later than the 20th day of each month for the immediately preceding month. O. Reg. 113/73, s. 5, *part*.

(4) The amount to be paid by Ontario to an approved corporation under section 7 of the Act in respect of a charitable institution listed in Schedule 2 or 6 shall be computed in accordance with Form 4 and Form 5 and, for the purpose of such computation, the rate of 80 per cent in the said section 7 shall apply to the cost of care and maintenance incurred.

(5) The amount to be paid by Ontario to an approved corporation under section 7 of the Act in respect of a charitable institution listed in Schedule 3 or 4 shall be computed in accordance with Form 4A and, for the purpose of such computation,

- (a) the rate of 80 per cent in the said section 7 shall apply to,
  - (i) the cost of residential care, and
  - (ii) any part of the first \$3.50 a day of the cost of extended care services that cannot be paid by the resident; and
- (b) the rate of 100 per cent shall apply to,
  - (i) that part of the cost of extended care services that exceeds the first \$3.50 a day but that does not exceed a maximum cost of \$12.50 a day, and
  - (ii) the cost, determined in a manner approved by the Minister, of approved drugs and pharmaceuticals incurred in connection with the provision of the extended care services.

(6) For the purposes of Form 4 and Form 5, "average daily cost of care and maintenance" means the actual average daily cost determined in accordance with Form 5 and approved by the Minister, of providing care and maintenance for each person residing in an approved charitable institution during the three-month period for which the



determination in Form 5 is made including the portion of fees, not exceeding \$1.30 per month for each bed based on the approved bed capacity of the institution, paid to a physician appointed under section 13 for all the services prescribed in subsections 2 to 4, both inclusive, of section 14 but not including any amount that would cause the average daily net operating expenditure to exceed \$9 for each person residing in the institution.

(7) For the purpose of Form 4A, the per diem cost of residential care or extended care services includes the portion of fees, not exceeding \$1.30 per month for each bed, of a resident receiving the residential care or the extended care services, based on the approved bed capacity of the institution, paid to a physician appointed under section 13 for all services prescribed in subsections 2 to 4, both inclusive, of section 14, but not including any amount that would cause the per diem cost to exceed a maximum of \$9 for residential care or \$12.50 for extended care services, as the case may be, for any person residing in the institution. O. Reg. 113/73, s. 5, *part*.

6. Section 23 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**23.—**(1) Subject to subsection 2, each corporation shall forward to the Minister for each charitable institution maintained and operated by it,

(a) not later than the 20th day of the months of April, July, October and January a quarterly report in duplicate in Form 5 of net operating expenditures in respect of the immediately preceding three months;

(b) not later than the last day of February of each year the complete financial statement of the institution for the immediately preceding calendar year, together with the report of a licensed public accountant and the report of the licensed public accountant shall state whether, in his opinion,

(i) he has received all the information and explanations he has required,

(ii) the financial statement is in accordance with the books and records of the institution, and

(iii) the financial statement has been prepared in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year; and

(c) such other financial and statistical information as the Minister may require.

(2) Clause *a* of subsection 1 does not apply in respect of a charitable institution listed in Schedule 3 or 4. O. Reg. 113/73, s. 6.

7. Section 25 of Regulation 85 of Revised Regulations of Ontario, 1970, as amended by section 5 of Ontario Regulation 72/71, is revoked and the following substituted therefor:

#### ADDITIONAL RULES GOVERNING CHARITABLE INSTITUTIONS IN SCHEDULE 6

**25.** This Part applies to the charitable institutions listed in Schedule 6. O. Reg. 113/73, s. 7.

8. Subsection 2 of section 26 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(2) The superintendent of a charitable institution shall prepare at six-month intervals a statement of the future plans for the care and maintenance of each resident and shall retain the statement in the resident's file. O. Reg. 113/73, s. 8.

9. Section 29 of Regulation 85 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(3) No plans and specifications filed with the Minister under subsection 2 shall be changed or altered without the approval in writing of the Minister. O. Reg. 113/73, s. 9.

10. Subsections 2 and 3 of section 30 of Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(2) Payment of any part of a grant under clause *b* of section 5 of the Act may be made after approval has been given under clause *c* of subsection 1 of section 4 of the Act and subject to subsection 3 and an application for the payment shall be accompanied by,

(a) a certificate of an architect or professional engineer stating the progress made towards completion for occupancy of the new building or the addition thereto; and

(b) a report of an authorized officer of the board certifying that the amount of the payment together with all amounts of the grant previously paid does not exceed the amount of the cost that has been incurred for which the grant is payable.

(3) Final payment of a grant under clause *b* of section 5 of the Act shall not be made until,

(a) an architect or a professional engineer certifies in Form 9 that,

- (i) the construction of the new building or the addition, as the case may be, has been completed in accordance with the plans thereof approved by the Minister, and
  - (ii) the building or addition is ready for use and occupancy; and
- (b) an authorized officer of the board submits a report stating,
- (i) the actual total cost of the erection or addition to the corporation,
  - (ii) that the total of the unpaid accounts applicable to the erection or addition does not exceed the amount of the grant remaining to be paid,
  - (iii) that the amount of the grant remaining to be paid will be applied first in payment of the unpaid accounts referred to in subclause ii,
  - (iv) that all refundable sales tax has been taken into account, and
  - (v) that an amount equal to at least 20 per cent of the cost of the new building or addition has been paid to the corporation by the council of the municipality in which the new building or addition is situated.
- O. Reg. 113/73, s. 10.
- 11.—(1) Schedule 1 to Regulation 85 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:
70. St. Leonard's Society of Brant
- (2) Item 59 of the said Schedule 1 is revoked.
12. Schedule 2 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- Schedule 2**
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. Elizabeth Fry House, 215 Wellesley Street East, Toronto</li> <li>2. The Harold King Farm, Keswick</li> <li>3. Harbour Light Mission, 160 Jarvis Street, Toronto</li> <li>4. Hope Acres, Glencairn</li> <li>5. La Fraternité—The Fraternity, Halfway House, 112 Riverside Drive, Sudbury</li> <li>6. Maison Fraternité—Fraternity House, 12 Ladouceur Street, Ottawa</li> </ul> | <ul style="list-style-type: none"> <li>7. Queen West Harbour Light, 723 Queen Street West, Toronto</li> <li>8. St. Leonard's House, Highway No. 7, Bramalea</li> <li>9. St. Leonard's House, Brantford, 135 Elgin Street, P.O. Box 611, Brantford</li> <li>10. St. Leonard's House, 430 William Street, London</li> <li>11. St. Leonard's House, 63 Bellwoods Avenue, Toronto</li> <li>12. St. Leonard's House, 491 Victoria Avenue, Windsor. O. Reg. 113/73, s. 12.</li> <li>13. Items 1, 5, 12, 15, 21, 22, 28, 29, 38, 47, 50, 51, 55, 62, 71, and 73 of Schedule 3 to Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:               <ul style="list-style-type: none"> <li>1. Aged Women's Home, 449 Sanatorium Road, Hamilton</li> <li>5. Beattie Haven, Home for the Aged, R.R. #1, Wardsville</li> <li>12. Carmel Heights, 1812 Dundas Highway West, Mississauga</li> <li>15. Clarkewood, 1929 Bayview Avenue, Toronto</li> <li>21. The Florence Nightingale Home, P.O. Box 220, 2606 Midland Avenue, Agincourt</li> <li>22. Fred Victor Mission, 139 Jarvis Street, Toronto</li> <li>28. House of Providence (St. Joseph's Home for the Aged), 325 Edinburgh Road North, Guelph</li> <li>29. House of Providence, (Marycrest), 200 St. Luke Avenue, Peterborough</li> <li>38. Leamington Mennonite Home, 22 Garrison Avenue, Leamington</li> <li>47. Niagara Ina Grafton Gage Home, 413 Linwell Road, St. Catharines</li> </ul> </li> </ul> |
|--|---|



- 50. Parkview Home, P.O. Box 910, 481 Rupert Street, Stouffville
- 51. Parkwood Manor, 75 Cardinal Crescent, Waterloo
- 55. Quinte-St. Lawrence Hall, 466 Union Street West, Kingston
- 62. St. Joseph's Villa, Overfield Road, Dundas
- 71. Shepherd Lodge, 3760 Sheppard Avenue East, P.O. Box 70, Agincourt
- 73. Tabor Manor, 1 Lawrence Avenue, St. Catharines
- 14. Schedule 4 of Regulation 85 of Revised Regulations of Ontario, 1970, as amended by section 3 of Ontario Regulation 354/71, section 3 of Ontario Regulation 181/72, section 3 of Ontario Regulation 312/72 and section 3 of Ontario Regulation 456/72, is revoked and the following substituted therefor:

Schedule 4

- 1. Bellwoods Park House, 300 Shaw Street, Toronto
- 2. May Court Convalescent House, 114 Cameron Avenue, Ottawa
- 3. McLeod House, 11 Lowther Avenue, Toronto. O. Reg. 113/73, s. 14.
- 15. Regulation 85 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

Schedule 6

- 1. Armagh, 927 Meadow Wood Road, Clarkson
- 2. Bethel Home, 3762 Sheppard Avenue East, Scarborough
- 3. Bethesda Home, 54 Riverview Avenue, London
- 4. Beverley Lodge, 69 Beaty Avenue, Toronto
- 5. Grace Haven, 245 James Street South, Hamilton
- 6. The Homestead, 78 Admiral Road, Toronto
- 7. Humewood House, 40 Humewood Drive, Toronto
- 8. Ingles House, 344 Dundas Street West, Toronto
- 9. The Inn of Windsor, 1687 Wyandotte Street East, Windsor
- 10. The Lakehead Florence Booth Home, 497A North Lillie Street, Thunder Bay
- 11. Leone House, 509 Kildare Road, Windsor
- 12. Rosalie Hall, 3020 Lawrence Avenue East, Scarborough
- 13. St. Mary's Home, 1081 Builders Street, Ottawa
- 14. St. Monica House, 231 Herbert Street, Waterloo
- 15. Salvation Army Women's Residence, 54 Riverview Avenue, London 63
- 16. Sundale Manor, 140 Park Avenue East, Chatham
- 17. The Salvation Army Bethany Home, 450 Pape Avenue, Toronto
- 18. The Salvation Army Bethany Home, 1140 Wellington Street, Ottawa
- 19. Teen Challenge, 650 Broadview Avenue, Toronto
- 20. Victor Home, 1102 Broadview Avenue, Toronto. O. Reg. 113/73, s. 15.

16.—(1) Item 5 of Schedule A to Form 2 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

5. Payment applied for in this application:

- (a) ☐ any part of the amount shown in item 4 . . . . . (see note 1) . . . . . \$ . . . . .
- (b) ☐ the balance of the amount shown in item 4 where new building or addition is complete and ready for use and occupancy and one or more payments have been made under clause a . . . . . \$ . . . . .



- (c) ☐ total amount of Provincial grant—amount shown in item 4—where new building or addition is complete and ready for use and occupancy and no payments have been made under clause *a* or *b*. . . . . \$ . . . . .
6. Cost incurred to date. . . . . \$ . . . . .  
(where application is made under clause *a* of item 5)
- (2) The notes to Schedule A of the said Form 2, as amended by subsection 1 of section 8 of Ontario Regulation 72/71, are revoked and the following substituted therefor:

## NOTES:

1. Where application is made for part payment it shall be accompanied by,
    - (a) a certificate of an architect or professional engineer stating the progress made towards completion for occupancy of the new building or the addition thereto; and
    - (b) a report of an authorized officer of the board certifying that the amount of the payment together with all amounts of the grant previously paid does not exceed the amount of the cost that has been incurred for which the grant is payable.
  2. Where application for payment is made under clause *b* or *c* of item 5 of Schedule A, the application shall be accompanied by,
    - (a) the report of an authorized officer of the board stating that the total of the unpaid accounts applicable to the erection or addition does not exceed the amount of the grant remaining to be paid, that the amount of the grant remaining to be paid will be applied first in payment of such unpaid accounts and, where applicable, that all refundable sales tax has been taken into account; and
    - (b) the certificate of an architect or professional engineer in Form 3.
- 17.—(1) Clauses *c* and *d* of item 2 of Form 3 of Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (c) will have or has a total bed capacity of. . . beds and I understand that the aforementioned number of beds has been approved by the Minister for determining the amount of the capital grant payable under the Act and I have so informed the above-named Corporation;
  - (d) ☐ is a new building or an addition, erected and completed and is ready for use and occupancy, or  
☐ is an acquired building and is ready for use and occupancy.
- (2) Clause *a* of item 3 of the said Form 3 is revoked and the following substituted therefor:
- (a) the building conforms to,
    - ☐ the plans and specifications,
    - ☐ the structural sketch,
 copies of which the authorized officers of the Corporation inform me were filed with the Minister and subsequently approved by him, and
    - ☐ there have been no changes to the plans and specifications or the structural sketch subsequent to the Minister's approval aforesaid,
    - ☐ there have been . . . changes made to the plans and specifications or the structural sketch subsequent to the Minister's approval aforesaid and all of these changes have been approved by the Minister.
- (Indicate  
(Which)
18. Item 2 of Form 5 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
2. Education, including teachers' salaries and staff benefits, but not including transportation costs or fees paid to school boards (institutions in Schedule 6) . . . . . \$ . . . . .

19.—(1) Item 6 of Schedule A to Form 8 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

6. Payment applied for in this application:

(a) ☐ any part of the amount shown in item 5 ..... \$.....  
(see note 1)

(b) ☐ the balance of the amount shown in item 5 where new building is complete  
and ready for use and occupancy ..... \$.....

(c) ☐ total amount of Provincial grant—amount shown in item 5—where new  
building or addition is complete and ready for use and occupancy ..... \$.....

7. Cost incurred to date ..... \$.....  
(where application is made under clause *a* of item 6)

(2) The notes of Schedule A to the said Form 8 are revoked and the following substituted therefor:

NOTES:

1. Where application is made for part payment it shall be accompanied by,

(a) a certificate of an architect or professional engineer stating the progress made towards completion for occupancy of the new building or the addition thereto; and

(b) a report of an authorized officer of the board certifying that the amount of the payment together with all amounts of the grant previously paid does not exceed the amount of the cost that has been incurred for which the grant is payable.

2. Where application for payment is made under clause *b* or *c* of item 6 of Schedule A, the application shall be accompanied by,

(a) the report of an authorized officer of the board stating,

(i) the actual cost of the erection or addition,

(ii) that the total of the unpaid accounts applicable to the erection or addition does not exceed the amount of the grant remaining to be paid,

(iii) that the amount of the grant remaining to be paid will be applied first in payment of the unpaid accounts referred to in subclause ii,

(iv) that all refundable sales tax has been taken into account, and

(v) that an amount equal to at least 20 per cent of the cost of the new building or addition has been paid to the Corporation by the council of the municipality in which the new building or addition is situated; and

(b) the certificate of an architect or professional engineer in Form 9.

20.—(1) Item 2 of Form 9 of Regulation 85 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

2. THAT the hostel,

(a) is situated at .....  
(address)

(b) will have or has a total bed capacity of . . . . beds, and I understand that the aforementioned number of beds has been approved by the Minister for determining the amount of the capital grant payable under the Act and I have so informed the above-named Corporation; and

(c) is a new building or an addition, erected and completed, and is ready for use and occupancy.

(2) Clause *a* of item 3 of the said Form 9 is revoked and the following substituted therefor:

(a) the building conforms to,

☐ the plans and specifications,

☐ the structural sketch,

copies of which the authorized officers of the Corporation inform me were filed with the Minister and subsequently approved by him, and

(Indicate) ☐ there have been no changes to the plans and specifications or the structural sketch subsequent  
(Which) to the Minister's approval aforesaid

☐ there have been . . . changes made to the plans and specifications or the structural sketch subsequent to the Minister's approval aforesaid, and all of these changes have been approved by the Minister.

(5030)

12

## THE FARM PRODUCTS MARKETING ACT

**O. Reg. 114/73.**

Hogs—Plan.

Made—February 28th, 1973.

Filed—March 5th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1. Subsection 1 of section 11 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) The County Pork Producers' Association in each of the counties named in section 7 shall, not later than the fifteenth day of January, fix a place and date for the meeting of producers for the nomination in each county of the members and substitute members of the Area Pork Producers' Council.

2. Section 13 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

13. If for any reason the nomination of members and substitute members to the Area Pork Producers' Council is not held on the date fixed, the local board shall fix a day as soon as is practicable for that purpose.

3.—(1) Subsection 2 of section 16 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(2) When the time for nomination at the meeting expires, the chairman may require assurances from each nominee of his willingness to stand for election as a member or substitute member to the Area Pork Producers' Council from the county.

(2) Subsection 3 of the said section 16 is revoked and the following substituted therefor:

(3) Where the number of persons nominated and willing to stand for election as members and substitute members to the Area Pork Producers' Council is the number of persons mentioned in respect of the county in section 7 and the number of substitute members mentioned in subsection 8, the chairman shall declare those persons elected as members and substitute members to the Area Pork Producers' Council.

(3) Subsection 4 of the said section 16 is revoked and the following substituted therefor:

(4) Where the number of persons nominated and willing to stand for election as members and substitute members to the Area Pork Producers' Council in respect of the county is fewer than the number of members mentioned for the county in section 7 and the number of substitute members mentioned for the county in subsection 8, the chairman may extend the time for nominations for not more than one-half hour and if at the end of such extended time the number of persons nominated and willing to stand for election as members is fewer than or is the number of persons mentioned in respect of the county in section 7 or the number of persons nominated and willing to stand for election as substitute members is fewer than or is the number of persons mentioned in respect of the county in subsection 8, he shall then declare those persons to be members or substitute members, as the case may be, of the Area Pork Producers' Council for the county.



(4) Subsection 5 of the said section 16 is revoked and the following substituted therefor:

(5) Where the number of persons nominated and willing to stand for election as members mentioned in respect of a county in section 7 or substitute members mentioned in respect of a county under subsection 8, the chairman shall prepare and post up at the meeting a list of names of the persons nominated at the meeting.

(5) The said section 16 is amended by adding thereto the following subsections:

(8) Subject to subsection 9, with the consent of the majority of the registered producers present at the meeting substitute members may be elected to the Area Pork Producers' Council to serve during the absence of a member or members elected to the Area Pork Producers' Council under subsection 7 on the basis of one substitute member for every eight members elected thereto.

(9) Not less than one and not more than three substitute members may be elected from any county under subsection 8.

4.—(1) Paragraph 1 of the Form to subsection 2 of section 21 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. The voter will go into one of the compartments and, with the pencil provided in the compartment, place a mark opposite the name of each nominee for whom he desires to vote, but he shall not mark his ballot paper for more nominations than the number of members and substitute members to be elected from the county in which he votes.

(2) Paragraph 4 of the said Form is revoked and the following substituted therefor:

4. If the voter places on the ballot paper any mark by which he may be afterwards identified or if the ballot paper has been torn, defaced or otherwise dealt with by the voter, so that he can thereby be identified, or if he marks his ballot paper for more nominees than the number of members or substitute members to be elected from the county in which he votes, it is void and will not be counted.

5. Section 24 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(2) Where a member elected to an Area Pork Producers' Council notifies the County Pork Producers' Association that he is temporarily unable to act as such member, the County Pork Producers' Association shall forthwith after receipt of the notice, furnish the local board with the name of a substitute member elected under subsection 8 of section 16 to

act as a member of the Area Pork Producers' Council in the place of the member who is temporarily unable to act.

6. Subsection 1 of section 29 of the Schedule to Regulation 327 of Revised Regulations of Ontario, 1970 is amended by adding at the end thereof "or substitute members".

(5031)

12

## THE CROP INSURANCE ACT

### O. Reg. 115/73.

Crop Insurance Plan—Corn.

Made—January 22nd, 1973.

Approved—February 28th, 1973.

Filed—March 5th, 1973.

## REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

1. Section 5 of the Schedule to Ontario Regulation 187/72 is revoked and the following substituted therefor:

### DESIGNATION OF CROP YEAR

5. The crop year for corn is the period from the 1st day of March in any year to the 1st day of December next following.

2. Section 9 of the Schedule to Ontario Regulation 187/72 is revoked and the following substituted therefor:

### COVERAGE

9.—(1) Subject to subsections 2 and 3, the coverage provided under a contract of insurance shall be 70 per cent of the average farm yield in bushels or tons of the total acreage seeded to corn by the insured person in accordance with the regulations.

(2) The coverage provided under subsection 1 shall be increased following each consecutive no claim year as follows:

1. Following the first no claim year to 73 per cent of the average farm yield.
2. Following the second no claim year to 76 per cent of the average farm yield.
3. Following the third no claim year to 78 per cent of the average farm yield.
4. Following the fourth no claim year to a maximum of 80 per cent of the average farm yield.

(3) The coverage provided under subsections 1 and 2 shall be decreased for claim years from the insured level in reverse progression to that prescribed by subsection 2 to a minimum of 70 per cent of the average farm yield.

(4) The number of bushels or tons determined under subsections 1, 2 and 3 constitutes the total guaranteed production under a contract of insurance.

(5) For the purposes of this plan, six bushels of grain corn are deemed to be the equivalent of one ton of corn silage.

3. Section 11 of the Schedule to Ontario Regulation 187/72 is revoked and the following substituted therefor:

11.—(1) For the purposes of this plan, the established price,

(a) for grain corn is,

(i) 60 cents, or

(ii) \$1.20,

per bushel; and

(b) for corn silage is,

(i) \$3.60, or

(ii) \$7.20,

per ton.

(2) Notwithstanding subsection 1, the established price in Stage 2,

(a) for grain corn is,

(i) 55 cents, or

(ii) \$1.10,

per bushel; and

(b) for corn silage is,

(i) \$3.30, or

(ii) \$6.60,

per ton.

4. Section 12 of the Schedule to Ontario Regulation 187/72 is revoked and the following substituted therefor:

#### PREMIUMS

12.—(1) The total premium is,

(a) \$2.50 per acre where the insured person has selected an established price of 60 cents per bushel or \$3.60 per ton; and

(b) \$5.00 per acre where the insured person has selected an established price of \$1.20 per bushel or \$7.20 per ton.

(2) Notwithstanding subsection 1, the total premium in the Counties of Essex and Kent is,

(a) \$2 per acre where the insured person has selected an established price of 60 cents per bushel or \$3.60 per ton; and

(b) \$4 per acre where the insured person has selected an established price of \$1.20 per bushel or \$7.20 per ton.

(3) Notwithstanding subsections 1 and 2, the minimum premium payable by an insured person in each crop year is \$15.

(4) The premiums prescribed in subsections 1 and 2 include payments in respect of premiums made by,

(a) the Government of Canada under the *Crop Insurance Act* (Canada); and

(b) the Government of Ontario under subsection 2 of section 7 of the Act.

(5) Premium discounts provided by Regulation 158 of Revised Regulations of Ontario, 1970 are not applicable to any premiums payable under this plan.

5. Subsection 1 of section 18 of the Schedule to Ontario Regulation 187/72 is revoked and the following substituted therefor:

(1) For the purposes of this plan, the final date for seeding corn in a crop year for acreage situate in an area specified in Publication No. 296 of the Ministry of Agriculture and Food entitled "Field Crop Recommendations" as having the number of heat units available for corn production set out in Column 1 of the Table, is the date set opposite such number of heat units in Columns 2 and 3.

6. Section 19 of the Schedule to Ontario Regulation 187/72 is revoked.

7. Table 1 of Ontario Regulation 187/72 is revoked.

8. The heading of Table 2 of Ontario Regulation 187/72 is amended by striking out "2".

9.—(1) Paragraph 8 of Form 2 of Ontario Regulation 187/72 is revoked and the following substituted therefor:

#### CROP YEAR

8. The crop year for corn is the period from the 1st day of March in any year to the 1st day of December next following.



(2) Subparagraphs 2 and 3 of paragraph 10 of the said Form 2 are revoked and the following substituted therefor:

(2) Where the harvesting of any seeded acreage is not completed by the 1st day of December, the insured person shall forthwith notify the Commission in writing and the Commission shall determine,

- (a) the number of unharvested acres and the potential production thereof; and
- (b) whether the harvesting of the seeded acreage was prevented by reason of one or more of the causes of loss insured against.

(3) Where the harvesting was prevented by reason of one or more of the causes of loss insured against, the Commission may extend the contract of insurance until the crop has been harvested or abandoned or destroyed.

(3) Paragraph 11 of the said Form 2 is revoked.

(4) Subclause ii of clause *a* of subparagraph 2 of paragraph 14 of the said Form 2 is revoked and the following substituted therefor:

- (ii) for grain corn the variety of corn reseeded is one prescribed by paragraph 12 and that reseeded is completed not later than seven days after the date prescribed by the Table as the final date for seeding in the area in which the damaged acreage is situate; or

(5) Clause *b* of subparagraph 3 of paragraph 15 of the said Form 2 is revoked and the following substituted therefor:

- (b) the harvesting of any seeded acreage is not completed and the harvesting was prevented by reason of a cause of loss not insured against.

(6) Subparagraph 5 of paragraph 15 of the said Form 2 is revoked.

(7) Paragraph 17 of the said Form 2 is amended by adding thereto the following subparagraph:

(2) Notwithstanding subparagraph 1, where a loss in Stage 2 is reduced by excess production in Stage 3, the value of such excess production shall be calculated on the basis of the established price in Stage 2.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*  
RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 22nd day of January, 1973.

## THE CROP INSURANCE ACT

O. Reg. 116/73.

Crop Insurance Plan—Spring Grain.

Made—January 22nd, 1973.

Approved—February 28th, 1973.

Filed—March 5th, 1973.

### REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

1. Section 21 of the Schedule to Regulation 151 of Revised Regulations of Ontario, 1970, as remade by section 8 of Ontario Regulation 233/72, is revoked and the following substituted therefor:

#### FAILURE TO HARVEST

21. Where the harvesting of any seeded acreage is not completed, the insured person shall notify the Commission in writing not later than,

- (a) in respect of acreage situate in an area having 2300 heat units or more, the 15th day of September; and
- (b) in respect of acreage situate in an area having less than 2300 heat units, the 15th day of October,

or such other date as may be determined from time to time by the Commission.

2.—(1) Subparagraph 2 of paragraph 11 of Form 2 of Regulation 151 of Revised Regulations of Ontario, 1970, as amended by subsections 4 and 5 of section 11 of Ontario Regulation 233/72, is revoked.

(2) Subparagraph 3 of paragraph 11 of the said Form 2 is revoked and the following substituted therefor:

(3) Where the harvesting of any seeded acreage is not completed,

- (a) in respect of acreage situate in an area having 2300 heat units or more, by the 15th day of September; and
- (b) in respect of acreage situate in an area having less than 2300 heat units, by the 15th day of October,

the insured person shall forthwith notify the Commission in writing.

(3) Subparagraph 3 of paragraph 14 of the said Form 2, as amended by subsection 6 of section 11 of Ontario Regulation 233/72, is revoked and the following substituted therefor:



- (3) Where damaged acreage is used for any other purpose or the insured crop thereon is abandoned or destroyed in accordance with subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total seeded acreage shall be calculated by multiplying the difference between the guaranteed production for the damaged acreage and the potential production for the damaged acreage determined under subparagraph 2 by the established price per pound.
- (4) Paragraph 16 of the said Form 2 is amended by adding thereto the following subparagraph:
- (2) Notwithstanding subparagraph 1, where a loss in Stage 2 is reduced by excess production in Stage 3, the value of such excess production shall be calculated on the basis of the established price in Stage 2.
- (5) Paragraph 17 of the said Form 2, as amended by subsection 3 of section 2 of Ontario Regulation 184/71, is revoked and the following substituted therefor:

INCORRECT ACREAGE IN FINAL  
ACREAGE REPORT

- 17.—(1) Where the actual seeded acreage of spring grain in a crop year is less than the seeded acreage declared on the final acreage report, the guaranteed production and the amount of insurance shall be reduced proportionately.
- (2) Where the actual seeded acreage of spring grain in a crop year exceeds the seeded acreage declared on the final acreage report, the production from the total seeded acreage shall be counted and there shall be no increase in the total guaranteed production or the maximum amount of indemnity payable.
3. Form 3 of Regulation 151 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

Form 3

The Crop Insurance Act (Ontario)

FINAL ACREAGE REPORT

1. Insured person.....  
(name) (address)  
.....  
(county, etc.) (telephone No.)
2. Contract number, if any.....
3. Crop year ending.....
4. Crop plan.....
5. I hereby assign my right to indemnity under this contract in respect of the crop described hereunder to:  
.....  
(name) (address)
6. Details of acreage seeded to insured crop:

Farm No.	No. of Acres	Soil Type	Manure Applied No. of Acres	Fertilizer Applied		No. of Acres Systematically Tile-Drained	Distance Between Drains	Heat Unit Rating	Previous Crop Produced
				Pounds Per Acre	Grade				

7. Details of varieties and seeding dates:

Variety	No. of Acres Seeded	Date Seeding Completed

8. The acreage set out in paragraph 6 is the total acreage seeded to the insured crop by the insured person:

Yes ☐ No ☐

9. At this date the crop has suffered no damage, except as follows:.....

.....

10. The premium (less premium deposit, if any) accompanies this report.

Dated at....., this.....day of....., 19....

.....  
(signature of insured person)

.....  
(title of official signing for a corporation)

O. Reg. 116/73, s. 3.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 22nd day of January, 1973.

(5033)12

THE FARM PRODUCTS PAYMENTS ACT

O. Reg. 117/73.  
General.  
Made—February 28th, 1973.  
Filed—March 5th, 1973.

REGULATION MADE UNDER  
THE FARM PRODUCTS PAYMENTS ACT

1. Subsection 4a of section 6 of Regulation 348 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 289/72, is revoked and the following substituted therefor:

(4a) Notwithstanding subsections 1, 2, 3 and 4, a dealer is not required to pay any fee to the Board in respect of the period commencing on the 1st day of June, 1971 and ending on the 31st day of May, 1974. O. Reg. 117/73, s. 1.

## THE INCOME TAX ACT

## O. Reg. 118/73.

Ontario Property Tax Credit.

Made—February 28th, 1973.

Filed—March 5th, 1973.

REGULATION MADE UNDER  
THE INCOME TAX ACT

## ONTARIO PROPERTY TAX CREDIT

1. For the purpose of clause *a* of subsection 1 of section 6*b* of the Act, the charitable institutions set out in Schedule 1 are prescribed. O. Reg. 118/73, s. 1.

2. For the purpose of clause *a* of subsection 1 of section 6*b* of the Act, the homes for the aged set out in Schedule 2 are prescribed. O. Reg. 118/73, s. 2.

3. For the purpose of clause *a* of subsection 1 of section 6*b* of the Act, the private nursing homes and public nursing homes set out in Schedule 3 are prescribed. O. Reg. 118/73, s. 3.

4. For the purpose of clause *e* of subsection 1 of section 6*b* of the Act, the prescribed manner shall be by completing and filing Form 1 together with the return required under the Act with respect to the taxation year for which the deduction is claimed under subsection 2 of section 6*b* of the Act. O. Reg. 118/73, s. 4.

5. For the purpose of subsection 3 of section 6*b* of the Act, the students' residences set out in Schedule 4 hereto are prescribed. O. Reg. 118/73, s. 5.

6. This Regulation shall be deemed to have come into force on the 1st day of January, 1972. O. Reg. 118/73, s. 6.

## Schedule 1

## CHARITABLE INSTITUTIONS

Item	Name	Location
1.	Aged Women's Home, "Idlewyld"	Hamilton
2.	Albright Manor	Beamsville
3.	Alexander Hall	Windsor
4.	Anson House	Peterborough

Item	Name	Location
5.	Armagh	Clarkson
6.	Bellwood's Park House	Toronto
7.	Bethamy Home	Ottawa
8.	Bethel Home	Agincourt
9.	Bethesda Home	London
10.	Beverley Lodge	Toronto
11.	Blue Water Rest Home	Zurich
12.	Brantford Widows' Home	Brantford
13.	Bronson Home	Ottawa
14.	Cambrian Hall	Sudbury
15.	Centre d'Accueil Champlain	Vanier
16.	Charity House	Windsor
17.	Church Home for the Aged	Toronto
18.	Clarkewood (C.N.I.B.)	Toronto
19.	Cumberland Hall	Thunder Bay
20.	Edgewood Hall	Hamilton
21.	Elizabeth Fry House	Toronto
22.	The Elliott Home	Guelph
23.	Fairview Mennonite Home	Preston
24.	Florence Nightingale Home	Agincourt
25.	Fred Victor Mission	Toronto
26.	Fred Victor Mission Senior Citizens' Home	Toronto
27.	Fulford Home	Brockville
28.	The Glebe Centre Incorporated	Ottawa
29.	Good Shepherd Refuge	Toronto
30.	Grace Haven	Hamilton
31.	Grove Park	Barrie
32.	Harbour Light Mission	Toronto



Item	Name	Location	Item	Name	Location
33.	Harold King Farm	Keswick	61.	Maxville Manor	Maxville
34.	Heidehof	St. Catharines	62.	May Court Club of Ottawa	Ottawa
35.	Hillcrest Lodge	Orillia	63.	The McCormick Home	London
36.	Hillel Lodge	Ottawa	64.	Niagara Ina Grafton Gage Home	St. Catharines
37.	The Homestead	Toronto	65.	The Nipponia Home	Beamsville
38.	Humewood House	Toronto	66.	Nithview Home for the Aged	New Hamburg
39.	Huronian Hall	Kitchener	67.	Northdale Manor	New Liskeard
40.	Ina Grafton Gage Home	Toronto	68.	Parkview Home	Stouffville
41.	Ingles House	Toronto	69.	Providence Manor	Kingston
42.	The Inn of Windsor	Windsor	70.	Providence Villa	Scarborough
43.	I.O.O.F. Home	Barrie	71.	Queen West Harbour Light	Toronto
44.	Isabel and Arthur Meighen Lodge	Toronto	72.	Quinte-St. Lawrence Hall	Kingston
45.	Ivan Franko Home	Etobicoke	73.	Rosalie Hall	Scarborough
46.	Jewish Home for the Aged	Toronto	74.	St. Andrew's Resident	Chatham
47.	Julia Greenshields Memorial Home	Toronto	75.	St. Joseph's Home	Guelph
48.	Knollcrest Lodge	Milverton	76.	St. Joseph's Villa	Cornwall
49.	La Fraternity—The Fraternity	Sudbury	77.	St. Joseph's Villa	Dundas
50.	Lakehead Florence Booth Home	Thunder Bay	78.	St. Leonard's House	Brampton
51.	Laughlen Lodge	Toronto	79.	St. Leonard's House	London
52.	Leamington Mennonite Home	Leamington	80.	St. Leonard's House	Toronto
53.	Leone House	Windsor	81.	St. Leonard's House	Windsor
54.	Letson Hall	Ottawa	82.	St. Louis Residence	Orleans
55.	Linwell Hall	St. Catharines	83.	St. Mary's Home	Ottawa
56.	London Rescue Mission	London	84.	St. Monica House	Waterloo
57.	Maison Fraternite— Fraternity House	Ottawa	85.	St. Patrick's Home	Ottawa
58.	Marianhill	Pembroke	86.	Salvation Army A. R. Goudie Eventide Home	Kitchener
59.	Marian Villa	London	87.	Salvation Army Eventide Home	Galt
60.	Marycrest	Peterborough	88.	Salvation Army Eventide Home	Niagara Falls

Item	Name	Location
89.	Salvation Army Eventide Home	Toronto
90.	Salvation Army's Men's Social Service Centre	Kitchener
91.	Salvation Army Rehabilitation Hostel	Toronto
92.	Salvation Army Sunset Lodge	Orillia
93.	Salvation Army Women's Residence	London
94.	Shepherd Lodge	Agincourt
95.	Strachan Houses	Toronto
96.	Sundale Manor	Chatham
97.	Tobor Manor	St. Catharines
98.	Teen Challenge	Toronto
99.	Thomas Williams Home	St. Thomas
100.	Toronto Aged Men's and Women's Home, Belmont House	Toronto
101.	Trillium Home	Orillia
102.	Tweedsmuir Hall	London
103.	United Mennonite Home	Vineland
104.	Victor Home (Toronto Home Missions Council of the United Church of Canada)	Toronto
105.	Villa Marie	Windsor
106.	Zonta House	Ottawa

O. Reg. 118/73, Sched. 1.

**Schedule 2****HOUSES FOR THE AGED**

Item	Name	Location
1.	Algoma Manor	Thessalon
2.	Au Chateau	Sturgeon Falls

Item	Name	Location
3.	Belvedere Heights	Parry Sound
4.	Bendale Acres	Toronto
5.	Bonnechere Manor	Renfrew
6.	Brucelea Haven	Walkerton
7.	Carleton Lodge	Ottawa
8.	Cassellholme	North Bay
9.	Cummer House	Toronto
10.	Dawson Court	Thunder Bay
11.	Dearness Home	London
12.	Dr. Marshall Gowland Manor	Sarnia
13.	Dufferin Oaks	Shelburne
14.	Eastholme	Powassan
15.	Elgin Manor	St. Thomas
16.	F. J. Davey Home	Sault Ste. Marie
17.	Fairhaven Home	Peterborough
18.	Fairmount Home	Glenburnie
19.	Fairview Lodge	Whitby
20.	Fudger House	Toronto
21.	Gateway Haven	Warton
22.	Georgian Manor	Penetanguishene
23.	Glen-Stor-Dun Lodge	Cornwall
24.	Golden Manor	Timmins
25.	Golden Plough Lodge	Cobourg
26.	Grandview	Thunder Bay
27.	Grandview Lodge	Dunnville
28.	Greenacres	Toronto
29.	Grey-Owen Lodge	Markdale
30.	Halton Centennial Manor	Milton
31.	Hastings Centennial Manor	Bancroft
32.	Hastings Manor	Belleville

Item	Name	Location
33.	Hillsdale Manor	Oshawa
34.	Hilltop Acres	Toronto
35.	Huron Lodge	Windsor
36.	Huronview	Clinton
37.	Hyland Crest	Minden
38.	Island Lodge	Ottawa
39.	John Noble Home	Brantford
40.	Kipling Acres	Toronto
41.	Lakeview Manor	Beaverton
42.	Lambert Lodge	Toronto
43.	Lanark Lodge	Perth
44.	Lenadco	Napanee
45.	Linhaven	St. Catharines
46.	Macassa Lodge	Hamilton
47.	Manitoulin Centennial Manor	Little Current
48.	Maple View Lodge	Athens
49.	Miramichi Lodge	Pembroke
50.	North Centennial Manor	Kapuskasing
51.	North Lambton Rest Home	Forest
52.	Northland Manor	Port Colborne
53.	Norview	Simcoe
54.	Peel Manor	Brampton
55.	Peterborough County Home	Lakefield
56.	Pinecrest	Kenora
57.	The Pines	Bracebridge
58.	Pinewood Court	Thunder Bay
59.	Pioneer Manor	Sudbury
60.	Prescott and Russell Counties' Home	L'Orignal
61.	Prince Edward County Home	Picton

Item	Name	Location
62.	Rainycrest	Fort Frances
63.	Rideaucrest	Kingston
64.	St. Lawrence Lodge	Brockville
65.	Sheridan Villa	Mississauga
66.	Simcoe Manor	Beeton
67.	South Centennial Manor	Iroquois Falls
68.	Spruce Lodge	Stratford
69.	Sunnyside Home	Kitchener
70.	Sun Parlor Home	Leamington
71.	Sunset Haven	Welland
72.	Sunset Haven	Collingwood
73.	Teck Pioneer Residence	Kirkland Lake
74.	Thamesview Lodge	Chatham
75.	True Davidson Acres	Toronto
76.	Twilight Haven	Petrolia
77.	Valleyview	St. Thomas
78.	Victoria Home	Chatham
79.	Victoria Manor	Lindsay
80.	Wellington Terrace	Elora
81.	Wentworth Lodge	Dundas
82.	Woodingford Lodge	Woodstock
83.	York Manor	Newmarket

O. Reg. 118/73, Sched. 2.

**Schedule 3**  
**NURSING HOMES**

Item	Name	Location
1.	Brant Sanatorium	Brantford

O. Reg. 118/73, Sched. 3.



## Schedule 4

## STUDENTS' RESIDENCES

## PART I

## NURSES' RESIDENCES

Item	Name of Student Residence	Location of Student Residence
1.	Royal Victoria Regional School of Nursing	Barrie
2.	The Edith Cavell Regional School of Nursing	Belleville
3.	Brantford General Hospital School of Nursing	Brantford
4.	Brockville General Hospital Regional School of Nursing	Brockville
5.	Public General Hospital School of Nursing	Chatham
6.	Cornwall Regional School of Nursing	Cornwall
7.	South Waterloo Memorial Hospital School of Nursing	Galt
8.	Guelph General Hospital School of Nursing	Guelph
9.	St. Joseph's Hospital School of Nursing	Guelph
10.	Hamilton Civic Hospitals School of Nursing	Hamilton
11.	Hamilton and District School of Nursing	Hamilton
12.	St. Joseph's School of Nursing	Hamilton
13.	Kingston General Hospital School of Nursing	Kingston
14.	St. Joseph's, Hotel Dieu Hospital School of Nursing	Kingston
15.	Kitchener-Waterloo Hospital School of Nursing	Kitchener

Item	Name of Student Residence	Location of Student Residence
16.	St. Mary's School of Nursing	Kitchener
17.	St. Joseph's Regional School of Nursing	London
18.	Victoria Hospital School of Nursing	London
19.	Credit Valley School of Nursing	Mississauga
20.	Greater Niagara General Hospital School of Nursing	Niagara Falls
21.	Soldiers' Memorial Hospital School of Nursing	Orillia
22.	Oshawa General Hospital School of Nursing	Oshawa
23.	Ottawa Civic Hospital School of Nursing	Ottawa
24.	Owen Sound Regional School of Nursing	Owen Sound
25.	The Lorraine School of Nursing	Pembroke
26.	Peterborough Civic Hospital School of Nursing	Peterborough
27.	St. Joseph's School of Nursing	Peterborough
28.	The Mack School of Nursing	St. Catharines
29.	St. Thomas-Elgin General Hospital School of Nursing	St. Thomas
30.	St. Clair Regional School of Nursing	Sarnia
31.	Perth-Huron Regional School of Nursing	Stratford
32.	Sudbury Regional School of Nursing, Northern Ontario Health Science Schools	Sudbury
33.	McKellar General Hospital Residence	Thunder Bay

Item	Name of Student Residence	Location of Student Residence
34.	Port Arthur General Hospital Residence	Thunder Bay
35.	The Atkinson, The Toronto Western Hospital School of Nursing	Toronto
36.	The Hospital for Sick Children School of Nursing	Toronto
37.	Nightingale School of Nursing	Toronto
38.	St. Joseph's School of Nursing	Toronto
39.	St. Michael's School of Nursing	Toronto
40.	Toronto East General and Orthopaedic Hospital School of Nursing	Toronto
41.	Toronto General Hospital School of Nursing	Toronto
42.	The Wellesley Hospital School of Nursing	Toronto
43.	Women's College Hospital School of Nursing	Toronto
44.	Branson Hospital School of Nursing	Willowdale
45.	York Regional School of Nursing	Willowdale
46.	Scarborough Regional School of Nursing	West Hill

Item	Name of Student Residence	Location of Student Residence
47.	Osler School of Nursing	Weston
48.	Grace Hospital School of Nursing	Windsor
49.	Hotel Dieu of St. Joseph's Hospital School of Nursing	Windsor
50.	Metropolitan General Hospital School of Nursing	Windsor
51.	Woodstock General Hospital School of Nursing	Woodstock

## PART II

## COLLEGE OF APPLIED ARTS AND TECHNOLOGY

Item	Name of Student Residence	Location of Student Residence
1.	Sheridan College of Applied Arts and Technology, School of Design Dormitory	Mississauga
2.	Canadore College of Applied Arts and Technology, Students' Residence	North Bay

## PART III

## STUDENTS' RESIDENCES—UNIVERSITIES

Item	Name of University	Name of Student Residence	Location of Student Residence
1.	Brock University	DeCew Residence	St. Catharines
2.	Carleton University	Renfrew House	Ottawa
3.	Carleton University	Lanark House	Ottawa
4.	Carleton University	Grenville House	Ottawa
5.	Carleton University	Russell House	Ottawa
6.	Carleton University	Glengarry House	Ottawa
7.	Carleton University	St. Patrick's College Women's Residence	Ottawa
8.	Carleton University	St. Patrick's College Men's Residence	Ottawa
9.	University of Guelph	South Residence	Guelph
10.	University of Guelph	East Residence	Guelph
11.	University of Guelph	Lennox-Addington Hall	Guelph
12.	University of Guelph	Johnston Hall	Guelph
13.	University of Guelph	Mills Hall	Guelph
14.	University of Guelph	Macdonald Hall	Guelph
15.	University of Guelph	Watson Hall	Guelph
16.	University of Guelph	Maids Hall	Guelph
17.	University of Guelph	Lambton Hall	Guelph
18.	Lakehead University	Women's Residence	Thunder Bay
19.	Lakehead University	Men's Residence	Thunder Bay
20.	Laurentian University	University College Residence	Sudbury
21.	Laurentian University	Huntington College Residence	Sudbury
22.	Laurentian University	Thornloe College Residence	Sudbury
23.	Laurentian University	University of Sudbury Residence	Sudbury
24.	McMaster University	Edwards Hall	Hamilton
25.	McMaster University	Whiddon Hall	Hamilton
26.	McMaster University	Matthews Hall	Hamilton
27.	McMaster University	Moulton Hall	Hamilton
28.	McMaster University	Wallingford Hall	Hamilton



Item	Name of University	Name of Student Residence	Location of Student Residence
29.	McMaster University	McKay Hall	Hamilton
30.	University of Ottawa	Le Blanc Hall	Ottawa
31.	University of Ottawa	Marchand Hall	Ottawa
32.	University of Ottawa	Stanton Hall	Ottawa
33.	Queen's University	McNeill House	Kingston
34.	Queen's University	Morris Hall	Kingston
35.	Queen's University	Leonard Hall	Kingston
36.	Queen's University	Donald Gordon House	Kingston
37.	Queen's University	Brockington House	Kingston
38.	Queen's University	Earl Street Residence	Kingston
39.	Queen's University	Graduate Student Residence	Kingston
40.	Queen's University	Ban Righ Hall	Kingston
41.	Queen's University	Chown Hall	Kingston
42.	Queen's University	Adelaide Hall	Kingston
43.	Queen's University	Victoria Hall	Kingston
44.	Queen's University	West Campus Residence	Kingston
45.	University of Toronto	Wetmore Hall, New College	Toronto
46.	University of Toronto	Wilson Hall, New College	Toronto
47.	University of Toronto	Sir Daniel Wilson, University College	Toronto
48.	University of Toronto	Whitney Hall, University College	Toronto
49.	University of Toronto	Devonshire House	Toronto
50.	University of Toronto	Innis College Residence	Toronto
51.	University of Toronto	St. George Graduate Student Residence	Toronto
52.	University of Toronto	Men's Residence and Burwash Hall, Victoria University	Toronto
53.	University of Toronto	Stephenson House, Victoria University	Toronto
54.	University of Toronto	Annesley Hall, Victoria University	Toronto
55.	University of Toronto	Margaret Addison, Victoria University	Toronto
56.	University of Toronto	Men's Residence, Trinity College	Toronto
57.	University of Toronto	St. Hilda's College Residence, Trinity College	Toronto

Item	Name of University	Name of Student Residence	Location of Student Residence
58.	University of Toronto	Knox College Residence	Toronto
59.	University of Toronto	Wycliffe College Residence	Toronto
60.	University of Toronto	Elmsly Hall, The University of St. Michael's College	Toronto
61.	University of Toronto	More House, The University of St. Michael's College	Toronto
62.	University of Toronto	Fisher House, The University of St. Michael's College	Toronto
63.	University of Toronto	Teefy Hall, The University of St. Michael's College	Toronto
64.	University of Toronto	Sullivan House, The University of St. Michael's College	Toronto
65.	University of Toronto	McCorkell House, The University of St. Michael's College	Toronto
66.	University of Toronto	Belisle House, The University of St. Michael's College	Toronto
67.	University of Toronto	Maritain House, The University of St. Michael's College	Toronto
68.	University of Toronto	Gilson House, The University of St. Michael's College	Toronto
69.	University of Toronto	Loretto College, The University of St. Michael's College	Toronto
70.	University of Toronto	St. Joseph's College, The University of St. Michael's College	Toronto
71.	University of Toronto	St. Basil's College, The University of St. Michael's College	Toronto
72.	Trent University	Lady Eaton College Residence	Peterborough
73.	Trent University	Champlain College Residence	Peterborough
74.	Trent University	Langton House, Catherine Parr Traill College	Peterborough
75.	Trent University	Crawford House, Catherine Parr Traill College	Peterborough
76.	Trent University	Scott House, Catherine Parr Traill College	Peterborough
77.	Trent University	Stewart House, Catherine Parr Traill College	Peterborough
78.	Trent University	Wallis Hall, Catherine Parr Traill College	Peterborough
79.	Trent University	College House, Peter Robinson College	Peterborough
80.	Trent University	Stratton House, Peter Robinson College	Peterborough
81.	Trent University	Reade House, Peter Robinson College	Peterborough

Item	Name of University	Name of Student Residence	Location of Student Residence
82.	Trent University	Abbott House, Peter Robinson College	Peterborough
83.	Trent University	East Lodge, Peter Robinson College	Peterborough
84.	Trent University	Town House, Peter Robinson College	Peterborough
85.	University of Waterloo	Village #1	Waterloo
86.	University of Waterloo	Village #2	Waterloo
87.	University of Waterloo	Minota Hagey Residence	Waterloo
88.	University of Waterloo	Conrad Greble College Residence	Waterloo
89.	University of Waterloo	St. Jerome College Residence	Waterloo
90.	University of Waterloo	Notre Dame College Residence	Waterloo
91.	University of Waterloo	St. Paul's College Residence	Waterloo
92.	University of Waterloo	Renison College Residence	Waterloo
93.	Waterloo Lutheran University	Women's Residence	Waterloo
94.	Waterloo Lutheran University	East Hall	Waterloo
95.	Waterloo Lutheran University	West Hall	Waterloo
96.	Waterloo Lutheran University	South Hall	Waterloo
97.	Waterloo Lutheran University	Graduate Residence A	Waterloo
98.	Waterloo Lutheran University	Graduate Residence B	Waterloo
99.	Waterloo Lutheran University	Bricker Street Residence	Waterloo
100.	University of Western Ontario	Delaware Hall	London
101.	University of Western Ontario	Spencer Hall	London
102.	University of Western Ontario	Sydenham Hall	London
103.	University of Western Ontario	Medway Hall	London
104.	University of Western Ontario	Saugeen-Maitland Hall	London
105.	University of Western Ontario	Brough Hall, Huron College	London
106.	University of Western Ontario	Hellmuth Hall, Huron College	London
107.	University of Western Ontario	O'Neil's Hall, Huron College	London
108.	University of Western Ontario	Seagar Hall, Huron College	London
109.	University of Western Ontario	Student Residence, Brescia College	London
110.	University of Western Ontario	Main Building Residence, King's College	London
111.	University of Western Ontario	Town House #1, King's College	London



Item	Name of University	Name of Student Residence	Location of Student Residence
112.	University of Western Ontario	Town House #2, King's College	London
113.	University of Western Ontario	Town House #3, King's College	London
114.	University of Western Ontario	Town House #4, King's College	London
115.	University of Western Ontario	Town House #5, King's College	London
116.	University of Western Ontario	Town House #6, King's College	London
117.	University of Western Ontario	Town House #7, King's College	London
118.	University of Western Ontario	Town House #8, King's College	London
119.	University of Western Ontario	Town House #9, King's College	London
120.	University of Western Ontario	Town House #10, King's College	London
121.	York University	Wood Residence, Glendon Campus	Toronto
122.	York University	Marion Hilliard Residence, Glendon Campus	Toronto
123.	York University	Founders Residence, Main Campus	Toronto
124.	York University	Vanier Residence, Main Campus	Toronto
125.	York University	Winter Residence, Main Campus	Toronto
126.	York University	McLaughlin Residence, Main Campus	Toronto
127.	York University	Stong Residence, Main Campus	Toronto
128.	York University	Bethune Residence, Main Campus	Toronto
129.	York University	Graduate Residence #1, Main Campus	Toronto
130.	York University	Graduate Residence #2, Main Campus	Toronto
131.	York University	Graduate Residence #3, Main Campus	Toronto
132.	York University	Graduate Residence #4, Main Campus	Toronto
133.	Windsor University	McDonald Hall	Windsor
134.	Windsor University	Laurier Hall	Windsor
135.	Windsor University	Electa Hall	Windsor
136.	Windsor University	Cody Hall	Windsor
137.	Windsor University	Huron Hall	Windsor
138.	Windsor University	Tecumseth Hall	Windsor
139.	Windsor University	St. Michael's Hall, Assumption University	Windsor
140.	Windsor University	Langton House, Canterbury College	Windsor
141.	Windsor University	Rayson House, Canterbury College	Windsor

Item	Name of University	Name of Student Residence	Location of Student Residence
142.	Windsor University	Becket House, Canterbury College	Windsor
143.	Windsor University	Cranmer House, Canterbury College	Windsor
144.	Windsor University	Laud House, Canterbury College	Windsor
145.	Windsor University	Wake House, Canterbury College	Windsor
146.	Windsor University	Geoffrey Fisher Hall, Canterbury College	Windsor

O. Reg. 118/73, Sched. 4.

**Form 1**  
*The Income Tax Act*

**ONTARIO PROPERTY TAX CREDIT**



The Ontario property tax credit is applied as a credit in determining your balance due or refund in the tax calculation area on page 1 of your income tax return.  
To claim the Ontario property tax credit, complete the calculation form below, sign the Certification, and attach the calculation form to your income tax return.

**Basic Rules for Ontario Property Tax Credit**

- The Ontario property tax credit may be claimed by all individuals resident in Ontario on 31st December, 1972, *except*
  - (a) persons under age 16 at the end of 1972,
  - (b) persons under age 21 at the end of 1972 who live at home and are claimed as a dependant, and
  - (c) persons resident in homes for the aged, charitable institutions, homes for special care, nursing homes and similar institutions which are exempt from property taxation.
- The property tax credit must be claimed by the spouse having the higher taxable income.
- Only the property tax or rent paid in respect of your *principal residence* may be included in determining occupancy cost. Property tax or rent paid in respect of a second residence or cottage may not be included in occupancy cost.
- See reverse side for more details and instructions on special situations.

**Calculation of Ontario Property Tax Credit for 1972**

Receipts for rental payments or property taxes are not required to be filed with the return but must be retained for examination on request.

Total Rental Payments for 1972	\$	¢
20% of the above Total Rental Payments for 1972	\$	¢
Property Taxes paid for 1972	\$	¢
<b>Occupancy Cost</b>	\$	¢

◀ If less than \$90, complete Calculation A below.  
If \$90 or over, complete Calculation B below.

**Calculation A (Occupancy Cost less than \$90)**

Basic Credit equal to	\$	¢
'Occupancy Cost'		
Deduct: 1% of Taxable Income as determined on page 2 of return		
<b>Ontario Property Tax Credit *</b>		A

**Calculation B (Occupancy Cost \$90 or over)**

Basic Credit of \$90	\$	90	¢	00
Add: 10% of 'Occupancy Cost'				
Deduct: 1% of Taxable Income as determined on page 2 of return				
<b>Ontario Property Tax Credit *</b> (maximum \$250)				B

\*Claim Ontario Property Tax Credit on page 1 of your return.

**Certification**

I hereby declare that the address (es) of my principal residence during the 1972 taxation year was (were):

(Number, street or R.R. No., municipality, province)

and certify that the information in this document is true and correct.

Sign here

Tear here and attach to your return.

**Calculation of Ontario Property Tax Credit for 1972**

Receipts for rental payments or property taxes are not required to be filed with the return but must be retained for examination on request.

Total Rental Payments for 1972	\$	C
20% of the above Total Rental Payments for 1972	\$	C
Property Taxes paid for 1972	\$	C
Occupancy Cost	\$	C

◀ If less than \$90, complete Calculation A below.  
 If \$90 or over, complete Calculation B below.

**Calculation A (Occupancy Cost less than \$90)**

Basic Credit equal to	\$	C
'Occupancy Cost'		
Deduct: 1% of Taxable Income as determined on page 2 of return		
<b>Ontario Property Tax Credit *</b>		<b>A</b>

**Calculation B (Occupancy Cost \$90 or over)**

Basic Credit of \$90	\$	90	C	00
Add: 10% of 'Occupancy Cost'				
Deduct: 1% of Taxable Income as determined on page 2 of return				
<b>Ontario Property Tax Credit *</b> (maximum \$250)				<b>B</b>

\*Claim Ontario Property Tax Credit on page 1 of your return.

**Certification**

I hereby declare that the address (es) of my principal residence during the 1972 taxation year was (were):

(Number, street or R.R. No., municipality, province)

and certify that the information in this document is true and correct.

Sign here

**Ontario Property Tax Credit Information****Definition of Terms****Principal Residence**

'Principal residence' means the housing unit either owned or rented by the individual (or his spouse) which was ordinarily occupied or inhabited by him during the taxation year.

For persons who move, the principal residence includes all housing units (or addresses in Ontario) occupied or inhabited by the person during the taxation year.

Annual property taxes or annual rent must be prorated to cover only the period of occupancy as a principal residence.

Principal residence includes a temporary residence such as a hotel room which was occupied continuously by the individual for all or part of the year, and also includes a mobile housing unit such as a trailer which was used as the principal residence of the individual.

**Occupancy Cost**

'Occupancy cost' means

- (a) the total property tax paid in respect of the principal residence for the taxation year, or
- (b) 20% of the total rent (excluding any amount paid for meals or board) paid in respect of the principal residence for the taxation year.

**Special Situations****Spouse Having the Higher Income**

Where husband and wife reside in the same principal residence, the Ontario property tax credit must be claimed by the spouse having the higher taxable income, regardless of the registered ownership of the principal residence.

**Post-Secondary School Students**

Where the principal residence of an individual who is a full-time post-secondary school student is in a residence of an Ontario university or college, the occupancy cost in respect of such residence is limited to \$25.

**Other Individuals**

Individuals eligible to claim the Ontario property tax credit include:

- (a) public housing tenants,
- (b) senior citizen housing tenants,
- (c) life tenants,
- (d) individuals making payments under an agreement for sale contract, and
- (e) individuals who died during the year and on whose behalf an income tax return is filed.

O. Reg. 118/73, Form 1.



# THE ENVIRONMENTAL PROTECTION ACT, 1971

O. Reg. 119/73.

Pesticides.

Made—February 28th, 1973.

Filed—March 6th, 1973.

## REGULATION MADE UNDER THE ENVIRONMENTAL PROTECTION ACT, 1971

- 1.—(1) Subclause iii of clause *a* of subsection 2 of section 4 of Ontario Regulation 552/72 is revoked and the following substituted therefor:
  - (iii) an agriculturist or a holder of a certificate of enrolment issued under subsection 2 of section 83 of *The Pesticides Act* if the pesticide is set out in Schedule 5; and
- (2) Subclause iii of clause *b* of subsection 2 of the said section 4 is revoked and the following substituted therefor:
  - (iii) except picloram, to an agriculturist or a holder of a certificate of enrolment issued under subsection 2 of section 83 of *The Pesticides Act*.
- (3) Subsection 7 of the said section 4 is revoked and the following substituted therefor:
  - (7) The following classes of persons shall not be considered retail vendors of pesticides and shall not be required to obtain a retail vendor's licence where their dealings in pesticides are confined to operations involving the application of pesticides in the course of their business:
    1. A licensed exterminator.
    2. A custom sprayer who is the holder of a certificate of enrolment issued under subsection 2 of section 83 of *The Pesticides Act*. O. Reg. 119/73, s. 1 (3).
- (4) Subsection 8 of the said section 4 is revoked and the following substituted therefor:
  - (8) Where, on the 1st day of May, 1973 a retail vendor has in stock a pesticide that he intends to discontinue selling, he may sell at retail the pesti-

cide from such stock without a licence on or before the 30th day of September, 1973, after which date he shall not display or store for sale the pesticide. O. Reg. 119/73, s. 1 (4).

- (5) The said section 4 is amended by adding thereto the following subsections:

(9) Notwithstanding subsection 1, a holder of a wholesale vendor's licence may sell at wholesale a pesticide in Class A, Class B, Class C or Class D to a retail vendor who is not the holder of a retail vendor's licence provided that the sale transaction is completed on or before the 30th day of April, 1973.

(10) Notwithstanding subsection 1, a holder of a wholesale vendor's licence may sell at wholesale a pesticide set out in Schedule 6 to a holder of a Class 3 retail vendor's licence.

(11) Notwithstanding subsections 2, 3 and 4, the holder of a Class 1, Class 2 or Class 3 retail vendor's licence may sell a pesticide set out in Schedule 6 to any person provided that the sale transaction is completed on or before the 30th day of September, 1973, after which date the holder of a Class 3 retail vendor's licence shall not display or store for sale any such pesticide.

(12) A wholesale vendor who carries on business from more than one premises does not require a separate licence for each premises provided that he holds a single wholesale vendor's licence issued in respect of all the premises from which the pesticide to which it relates is or will be sold, offered for sale or transferred. O. Reg. 119/73, s. 1 (5).

2. Paragraph 3 of subsection 1 of section 5 of Ontario Regulation 552/72 is revoked and the following substituted therefor:

3. An agriculturist or a holder of a certificate of enrolment issued under subsection 2 of section 83 of *The Pesticides Act*, using a pesticide in Class B other than picloram or using a pesticide set out in Schedule 5. O. Reg. 119/73, s. 2.

3. Subclause i of clause *a* of section 7 of Ontario Regulation 552/72 is revoked and the following substituted therefor:

(i) that is well ventilated and used exclusively for the storage of pesticides,

4. Schedules 1, 2, 3, 4 and 5 to Ontario Regulation 552/72 are revoked and the following substituted therefor:

## Schedule 1

## CLASS "A" PRODUCTS

PEST  
CONTROL  
PRODUCTS  
ACT  
(CANADA)  
CODE NO.

COMPANY

ITEM

PRODUCT NAME

57	NIB	1.	Calcium Arsenate Insecticide
299	DOW	2.	Methyl Bromide, Fumigant
334	NIM	3.	New Rat-Nip Paste
544	BRH	4.	DDT 25% Emulsifiable Concentrate
652	CYC	5.	Aero HCN Discoids
717	GEI	6.	Tat Ant Trap contains Thallium Sulphate
750	NOX	7.	Noxall Rat Bait contains Red Squill
859	PRX	8.	Protex Insect Powder
959	CYC	9.	Cyanogas—Calcium Cyanide A-Dust and "G" Fumigant
1017	RIA	10.	Riess Cockroach Exterminator contains Sodium Fluoride
1027	PSA	11.	"Reel" Roach Powder, contains Sodium Fluoride
2170	POP	12.	Poulin's Cockroach Doom
2283	GCP	13.	Green Cross Weed-No-More
2521	DUQ	14.	Du Pont Ceresan M Mercurial Seed Disinfectant
2573	GCP	15.	Green Cross Toxaphene 60% Emulsifiable Concentrate
2586	BRG	16.	Fairview Weed Cop Mixed Butyl Ester E-64, 2,4-D
2607	CHP	17.	Chipman 2,4-D Ester 64 Liquid Weed Killer
2663	AMC	18.	Amchem Weedust 5%—2,4-D Ester Weed Killer
2755	LAT	19.	Later's Calmite T.E.P.P. Insect Spray
3015	CHP	20.	Chipman 15% Parathion Wettable Powder Insecticide
3024	NIB	21.	Parathion 15 Wettable Powder Insecticide
3197	STF	22.	Parathion 15-WP Insecticide
3273	DOW	23.	Dowfume MC—2 Soil Fumigant contains Methyl Bromide
3294	MAP	24.	Cal-clor Improved Mercurial Turf Fungicide
3322	SHL	25.	2,4-D Liquid Weedkiller Ester 64
3341	SHL	26.	2,4-D + 2,4,5-T Liquid Brushkiller
3379	BAT	27.	Bartlett Parathion 15% W.P.
3380	SAA	28.	"Triplex" Insect Powder
3433	ALS	29.	No-Weed 2,4-D 5% Dust Weed Killer
3624	GCP	30.	Green Cross Moth Blaster
3678	INT	31.	Co-op 2,4-D Ester 64 Liquid Weed Killer
3680	INT	32.	Co-op 2,4-D Ester Dust
3812	ALS	33.	No-Weed 2,4-D Ester 64 Weed Killer
3891	PLG	34.	Plantfume 103 Smoke Generator contains Sulfotep
4144	ABE	35.	Fly Master Lindane Insecticide for Vaporization
4226	INT	36.	Hastings Dawson Fumigant
4325	WHE	37.	Clines Roach Powder
4382	NIB	38.	Niagara 2,4-D Lo Estazol Weedkiller
4383	CHP	39.	Methoxone Ester 80, MCPA Liquid Weedkiller
4385	SHL	40.	Dieldrin 20 Emulsible Concentrate Insecticide
4449	LAT	41.	Later's 2½% Aldrin Dust Insecticide
4552	ELI	42.	Ike—Lindane Tablets and Crystals for Fumigation
4577	STF	43.	Parathion 4 Flowable Insecticide
4625	INT	44.	Co-op Dawson Fumigant Formula 73
4677	NAP	45.	Panogen 15 Liquid Seed Treatment
4728	CHP	46.	Chipman 2,4-D Ester 128 Double Strength Liquid
4731	MBE	47.	Marquette Marcodane Insecticide
4734	NIB	48.	Niagara 2,4-D Estazol 128 Weedkiller
4748	NAL	49.	National High Concentrate 128 oz. 2,4-D Ester
4766	SHL	50.	Shell Aldrin 5% Granular Insecticide
4780	PIO	51.	Pioneer Liquid Weed Killer 2,4-D Ester 128
4785	NAA	52.	Era Lindane Tablets and Crystals for Fumigation
4793	RAL	53.	Purina Liquid Stock Spray
4823	DOW	54.	Esteron 64 Farm Weed Killer Liquid
4845	UBE	55.	Electro-Vap Lindane Insecticide for Fumigation
4846	CHP	56.	Chipman 20% Aldrin Granular Soil Insecticide
4923	SIR	57.	Nadane Insecticide



PEST  
CONTROL  
PRODUCTS  
ACT (CANADA)

CODE NO.	COMPANY	ITEM	PRODUCT NAME
4929	SHL	58.	Shell Endrin 20 Emulsible Concentrate Insecticide
4941	LAT	59.	Later's Heptachlor 20 E.C. Insecticide
4971	CAA	60.	Sta-Out Tablettes et Cristaux Lindane Pour Fumigation
4973	GHI	61.	Comprimes Lindane G.H.
5072	BUG	62.	Buggo Insecticide Crystals Lindane 98% for Fumigation
5073	NIB	63.	Sodium Arsenite Liquid Potato Vine Killer
5137	MET	64.	Puradrin—A Cadmium Mercurial Aldrin Seed Treatment
5193	ALS	65.	ACS "AM" Dual Purpose Seed Treatment
5384	SHL	66.	Shell Aldrin 20% Granular Insecticide
5428	CHP	67.	Chipman 1% Endrin Dust Insecticide
5462	INT	68.	Co-op MCPA Ester 80 Liquid Weed Killer
5504	GCP	69.	Green Cross Ester Weed Liquid Killer
5527	PAU	70.	Paula Lindane Tablets for Fumigation
5710	CHG	71.	Systox Spray Concentrate Systemic Insecticide
5875	FAP	72.	Bombe Antimite Mothproof
5933	JIT	73.	Jito Mothkiller Bombe tue mites
5944	GCP	74.	Green Cross MCPA Ester 80 Weed Killer
5979	NAL	75.	National MCPA Ester Weed Killer
6030	NIB	76.	Endrin 2 Emulsifiable Concentrate Insecticide
6038	CHP	77.	Chipman Endrin 20 Emulsifiable Concentrate Insecticide
6045	ALS	78.	No-Weed MCPA Ester 80 Weedkiller
6051	NAP	79.	Pano-Drench Soil Drench for Greenhouses
6070	HOL	80.	Holcomb Insekil Aerosol Insecticide
6113	DUQ	81.	Du Pont Semesan Turf Fungicide
6118	CHP	82.	Chipman Brushkiller 128 Regular
6132	BRG	83.	Fairview Weed Cop "One Twenty Eight"
6160	ALS	84.	No-Weed MCPA 5% Ester Dust Weed Killer
6179	GCP	85.	Green Cross 20% Endrin Emulsifiable Concentrate
6181	OSD	86.	Osmose Special Fence Post Mixture
6187	PFF	87.	Calsa Endrin 20 Emulsifiable Concentrate Insecticide
6190	ALS	88.	No-Weed 2,4-D Ester 128 Liquid Weed Killer
6254	INT	89.	Co-op MCPA Ester Dust 5%
6261	CHP	90.	Chipman Topkiller 160 contains Sodium Arsenite
6314	DOW	91.	Formula 8 Farm Weed Killer Liquid
6424	REL	92.	Aero-Fog Aerosol Concentrate Insecticide C 222
6468	SHL	93.	Shell Aldrin 40 Emulsible Concentrate Insecticide
6510	WAK	94.	Watkins Mothproof Pressurized Spray
6521	NAP	95.	Drinox H-34B Liquid Seed Insecticide
6597	MBE	96.	Marquette Red Squill—Exterminateur des Mulots
6602	PFF	97.	Calsa Brush Killer 128
6613	NOX	98.	Noxall Ant Trap contains Thallium
6660	SHL	99.	2,4-D Liquid Weedkiller Ester 80
6662	SHL	100.	Shell 2,4-D Weed Killer Ester 128
6663	MCC	101.	Lice Tox Livestock Insecticide
6666	LOR	102.	Lindane 99 Lorrain Insecticide
6680	INT	103.	Co-op 2,4-D Ester 128 Liquid Weedkiller
6683	BOD	104.	Red Shield Double Protection Seed Treatment
6698	INT	105.	Co-op L.V. Brush Killer 64 Liquid Weed Killer
6705	SAR	106.	Sarm 2,4-D Ester 128 Weedkiller
6719	CHG	107.	Guthion 25% Wettable Powder Crop Insecticide
6750	CHP	108.	Agrosol Liquid Mercury Seed Treatment
6756	HEF	109.	Hercules Lindane Tablets for Fumigation
6771	SHL	110.	Shell MCPA Weedkiller Ester 80
6789	SHL	111.	Phosdrin Liquid Insecticide
6896	WEQ	112.	Chloropicrin Soil Fumigant
6923	FRD	113.	Toxaphene-Lindane Spray Concentrate
7000	PFF	114.	Calsa Phosdrin Insecticide—Liquid
7002	MBE	115.	Marquette Top Killer 10
7004	MBE	116.	Marquette Aldrin 5% Insecticide Dust



PEST  
 CONTROL  
 PRODUCTS  
 ACT (CANADA)

CODE NO.	COMPANY	ITEM	PRODUCT NAME
7005	JIT	117.	Jito Gas Aerosol Insecticide
7007	FAP	118.	Familex Insecticide Fly Gas Bomb
7022	RHD	119.	Chip-Cal Granular
7039	PFF	120.	Calsa Weed Bane Ester 48 2,4-D Weed Killer
7049	CHP	121.	Chipman Heptachlor 20 Emulsifiable Concentrate
7104	FLR	122.	Flodane Insecticide
7208	NAP	123.	Pandrinox Liquid Combination Fungicide-Insecticide
7214	NIB	124.	Zinc Phosphide Powder Rodenticide
7221	DOW	125.	Picfume Dow Chloropicrin—Soil and Space Fumigant
7240	MET	126.	Niadual—Liquid Seed Treatment
7265	CHP	127.	Chipman Liquid Wireworm Seed Treatment
7284	CHP	128.	Mergamma Liquid Dual Purpose Seed Treatment
7289	NIB	129.	Niagara Heptadrin Liquid Wireworm Killer
7299	VUN	130.	Frontier Methyl Bromide Tobacco Plant Bed Fumigant
7328	MBE	131.	Marquette 20% Endrin Emulsion Concentrée Insecticide
7330	MBE	132.	Aldrin 20% Emulsion Concentrate Insecticide
7338	AMC	133.	Weedone 128 2,4-D Ester Weed Killer Emulsifiable Conc.
7387	REC	134.	Wool-Guard Moth Proof (Insecticide)
7390	INT	135.	Co-op Toxaphene 60% E.C.
7399	NIB	136.	Niagara Aqua Parathion 8 Emulsifiable Concentrate
7409	CHP	137.	Phosdrin Insecticide contains Mevinphos
7415	MBE	138.	Arseniate de Chaux Marquette Insecticide pour arrosage
7440	MBE	139.	Marquette Endrin 1% Copper 7% Insecticide-Fungicide
7447	MBE	140.	Marquette Aldrin Granulaire 5% Insecticide
7460	SHL	141.	Shell Endrin 75% Wettable Powder Insecticide
7465	MBE	142.	Marquette Endrin 1-Zineb 3.9 Dust Insecticide-Fungicide
7467	MBE	143.	Marquette 1% Endrin Dust Insecticide
7473	NIB	144.	MCP 80 Ester Liquid Herbicide contains MCPA Ester
7478	STF	145.	Parathion 8-F Insecticide Liquid Concentrate
7571	ALS	146.	No-Weed 80 2,4-D Ester Weed Killer
7577	NAP	147.	Panogen Turf Fungicide
7597	LAT	148.	Later's Aldrin 400 E.C. Insecticide
7601	BAT	149.	Bartlett Phosdrin Insecticide
7619	PED	150.	Penite—8 Sodium Arsenite Herbicide Solution
7621	PFF	151.	Calsa Aldrin 40 Emulsifiable Concentrate-Insecticide
7646	CHP	152.	Chipman Copper-Endrin Dust Fungicide-Insecticide
7711	GCP	153.	Non-Mercurial Liquid Dual Purpose Bunt-No-More
7758	NAP	154.	Morsodren Liquid containing Mercury
7808	ALT	155.	Al-Si-Co Moth Proofer
7811	DOW	156.	MCPA Ester 80 Liquid Farm Weedkiller
7818	MAZ	157.	Marcotox for Fumigating only containing Lindane
7825	AMC	158.	Weedone MCPA Ester
7830	NAA	159.	Era Tracking Powder for Rats and Mice
7868	PFF	160.	Calsa Parathion EM-2 Emulsifiable Concentrate Insecticide
7889	CHP	161.	Chipman Backrubber Concentrate Insecticide
7946	NIB	162.	Phosdrin Insecticide
8007	SAS	163.	Endrin Emulsifiable Concentrate
8034	NAP	164.	Pentadrin Non-Mercurial Seed Treatment
8050	PHL	165.	Phostoxin Coated Tablets
8074	CHP	166.	Guthion 25% Wettable Powder
8106	CHG	167.	Guthion Spray Concentrate Crop Insecticide
8115	PFF	168.	Calsa Heptachlor 30 Emulsifiable Concentrate Insecticide
8176	DUQ	169.	Du Pont Tersan OM Turf Fungicide
8217	OLH	170.	Ochemco Liquid 2,4-D Weed Killer 80
8218	NAA	171.	Era Cockroach Powder
8264	PFF	172.	Calsa 15% Parathion Wettable Powder Insecticide
8315	CHP	173.	Chipman 2,4-D Ester 80 Liquid Weedkiller
8323	DOW	174.	Formula 8 Unemulsified Weed Killer Solution
8411	GCP	175.	Green Cross Potato Top Killer

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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8420	CBL	176.	Cardel Beef-Aid
8432	PFF	177.	Calsa 128 Sodium Arsenite Solution
8444	MET	178.	Metasol MMH Liquid Mercury Seed Treatment
8448	NAP	179.	Panodrin 15B Liquid Seed Treatment Fungicide
8496	AMW	180.	AMWAY Cedersol Moth Proofer Spray
8497	UAF	181.	Summit 2,4-D Ester 64 Emulsifiable Weed Killer
8499	UAF	182.	Summit 2,4-D Ester 80 Emulsifiable Weed Killer
8501	UAF	183.	"Summit" 128 oz. 2,4-D Mixed Butyl Ester Weed Killer
8503	UAF	184.	"Summit" MCPA Mixed Butyl Ester 80 oz. Weed Killer
8527	PFF	185.	Calsa Ester 128, The Fast Sure 2,4-D Weed Killer Liquid
8530	ALS	186.	ACS Liquid Mercury Seed Treatment
8673	NAC	187.	National Chemsearch Deep Kill Weed Killer
8783	FEG	188.	Lin-Tab Refills, Lindane for Use in Vapo-Swat Vaporizer
8740	CHG	189.	Di-Syston Liquid Concentrate Systemic Insecticide
8779	PLG	190.	Plantfume Parathion Smoke Fumigators
8790	PEN	191.	Pestroy Methyl Bromide—Fumigant
8796	CHP	192.	Agrosol Low Temperature Liquid Mercury Seed Treatment
8854	BEP	193.	Shield Pressurized Cedarized Mothproofer
8897	GCP	194.	Green Cross Phosphamidon Liquid Insecticide
8934	AAG	195.	AAhepton Liquid Wireworm Insecticide Heptachlor
8942	SAM	196.	Laurentide Cedar Moth Proofer (Pressurized)
9031	INT	197.	Co-op 2,4-D Ester 80 Liquid Weed Killer
9038	WHL	198.	Toxaphene Backrubber Insecticide 5% Toxaphene
9049	LAT	199.	Later's Weed and Pave
9076	PLG	200.	Plant Products Phosphamidon 4.8 Spray and Soil Drench
9118	FEJ	201.	Dawson 73 Spot Fumigant
9128	INT	202.	Co-op MMH Liquid Mercury Seed Treatment
9169	FEJ	203.	Dawson 37 Space Fumigant
9201	NAP	204.	Panogen PX Seed Treatment Fungicide
9205	GCP	205.	Green Cross Drill Box Dual Purpose Bunt-No-More Powder
9209	CHP	206.	Agrox DB Mercurial Seed Treatment Powder
9219	CHP	207.	Mergama DB Dual Purpose Seed Treatment Powder
9255	MBE	208.	Marquette 40% Aldrin Insecticide Emulsion Concentrate
9262	OLH	209.	Ochemco Weed Killer 128
9275	CHG	210.	Dasanit Spray Concentrate Insecticide
9276	PHL	211.	Phostoxin (Coated Pellets)
9289	NAP	212.	Drinox PX Seed Treatment Insecticide Powder
9325	NAP	213.	Pandrinox PX Seed Treatment Fungicide Insecticide
9375	MET	214.	Metasol MMH Liquid Dual Purpose Seed Treatment
9389	MON	215.	M.P. Roach Powder
9420	MET	216.	Metasol—MP Liquid Mercury Seed Dressing
9424	NAP	217.	Pandrinox A—Liquid Seed Treatment
9432	NAP	218.	Pentadrin PX Dry Fungicide-Insecticide
9456	MET	219.	Metasol—MMH Dual Purpose Drill Box Formulation
9458	MET	220.	Metasol—MMH Mercury Drill Box Formulation
9472	NAP	221.	Pandrinox A-PX Dry Seed Treatment
9480	NAP	222.	Pentadrin A Non-Mercurial Seed Treatment
9489	NAP	223.	Pentadrin APX Dry Non-Mercurial Seed Treatment
9515	PIO	224.	Pioneer Liquid Weed Killer, 2,4-D Ester 80
9519	CHG	225.	Di-Syston 15% Granular Systemic Insecticide
9548	PFF	226.	Pfizer MCPA Ester 80 Liquid Weed Killer
9550	PFF	227.	Pfizer 2,4-D Ester Liquid Weedkiller Concentrate 128
9564	GRC	228.	Meth-O-Gas, Methyl Bromide Fumigant, 100% Methyl Bromide
9565	GRC	229.	Brom-O-Gas Methyl Bromide Fumigant
9566	GRC	230.	Brom-O-Gas, Methyl Bromide contains 2% Chloropicrin
9576	MET	231.	Bi-Cal Turf Fungicide Powder
9617	MEX	232.	Meteor Cedarized Moth Bomb Pressurized Spray
9624	MON	233.	M.P. Lindane Tablets—for Fumigation



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9672	ATL	234.	Poudre Insecticide au Fluorure De Sodium
9692	LAT	235.	Later's 5% Aldrin Dust (or Granular) Insecticide
9729	LAT	236.	Later's Chloropicrin Liquid Soil Fumigant
9744	INT	237.	Co-op Mercury D.B. Seed Treatment Dust
9775	BRH	238.	Bramco Top Killer Dosium Arsenite Solution
9776	VAR	239.	Guardsman Penite 8 Sodium Arsenite Solution
9788	DOW	240.	128 Brush Killer 2DM-ITM Emulsifiable Concentrate
9789	DOW	241.	128 UE Brush Killer DM-TM Solution
9790	DOW	242.	128 UE Brush Killer 2DM-ITM Solution
9791	DOW	243.	128 Brush Killer DO-TM Emulsifiable Concentrate
9829	CER	244.	AS-90 Weed Killer Solution
9862	NIB	245.	MCP 96 Ester Liquid Herbicide
9904	BAD	246.	Sodium Arsenite No. 8
9912	BAD	247.	Endrin Emulsifiable Liquid Insecticide
9913	BAD	248.	Parathion Emulsifiable Liquid Insecticide
9952	PFF	249.	Pfizer Backrubber Concentrate
9954	ACO	250.	Ant-Ex Powder Kills Ants
9981	SAF	251.	Sun-X Insect Powder
9991	NAP	252.	Drinox A-34B Liquid Seed Treatment Insecticide
9998	NIM	253.	Bee-Nip Jet Hornet Bomb
10011	SHL	254.	Birlane Insecticide 25% Wettable Powder
10025	NIB	255.	Dual-Purpose Seed Protectant
10028	NIB	256.	Thiodan 4—Parathion 2E Insecticide
10044	COQ	257.	Cooper Cooper-Tox Livestock Spray and Dip
10049	COQ	258.	Cooper Cooper-Tox Extra or Cooper Hog Mange Cure
10056	COQ	259.	Cooper Back Rubber Concentrate contains Toxaphene
10067	IMP	260.	Esso MCPA Ester-80 Liquid Weedkiller
10070	IMP	261.	Esso 2,4-D Ester-128 Liquid Weedkiller
10101	CHG	262.	Guthion 50% Wettable Powder Insecticide
10111	VEL	263.	Velsicol—Celatox Herbicide
10187	OLH	264.	Ochemco MCPA Liquid Weed Killer Ester 80
10189	ALS	265.	ACS 2,4-D Ester 144 Emulsifiable Weed Killer
10237	NIB	266.	Brush Killer 2:1 128 Liquid Herbicide
10242	LAT	267.	Later's Liquid Potato Top and Vegetation Killer
10274	NAC	268.	National Chemsearch DK-80 Weed Killer Solution
10291	STU	269.	Double Strength Vine Killer No. 8
10363	NIB	270.	Furadan 4.8 Flowable Insecticide Liquid Concentrate
10392	CHG	271.	Systox 6-Liquid Concentrate Systemic Insecticide
10411	CER	272.	Com-Kill Weed Killer
10444	CBR	273.	Formula F-20 Residual Insecticide Solution
10459	INT	274.	Co-op Aerial Spray 2,4-D Ester 128 oz. Liquid Weed Killer
10469	NIB	275.	Meco-MCPA 64 Herbicide
10471	CYC	276.	Thimet 600 L.C.
10507	CHV	277.	Ortho Phosphamidon 9.6 Spray Insecticide
10519	DEF	278.	De-Fly-Er Lindane Chemical Refill for Vaporizer Use
10608	STF	279.	Dyonate 5G, An Organophosphorus Soil Insecticide, Granules
10614	LAT	280.	Later's 5% Aldrin Granular Insecticide
10630	DIT	281.	DDT 5% Pink Tracking Powder Rodenticide
10642	NIB	282.	DDT 2.5 E Soil Insecticide Emulsifiable Concentrate
10646	NIB	283.	DDT 50 WP Insecticide
10656	INT	284.	Co-op DDT 50% W.P. Insecticide
10664	FED	285.	Federal Dual-Purpose Seed Protectant
10668	CHP	286.	Chipman DDT 25 Emulsifiable Concentrate Insecticide
10669	CHP	287.	Chipman 50% DDT Wettable Powder Insecticide
10670	CHP	288.	Chipman 75% DDT Wettable Powder Insecticide
10686	DIT	289.	DDT 50D Dust Concentrate Insecticide
10696	SAF	290.	Sanex Chloropicrin
10703	MBE	291.	Marquette Guepex Insecticide Pressurize
10720	PFF	292.	Calsa DDT 50% Wettable Powder Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10721	PFF	293.	Calsa S-75 Micro-Particle 75% DDT Wettable Spray Powder
10722	PFF	294.	Calsa 2.5 DDT Emulsifiable Concentrate Insecticide
10735	STF	295.	DDT 5 Flowable Insecticide
10741	SHL	296.	Birlane 40 Emulsible Concentrate Insecticide
10766	GCP	297.	Green Cross 25% DDT Emulsion
10767	GCP	298.	DDT 2.5 E Liquid Insecticide Concentrate
10768	GCP	299.	50% DDT Wettable Powder
10772	LAT	300.	Later's 50% DDT Wettable Powder Insecticide
10773	LAT	301.	Later's 5% DDT Dust Insecticide
10774	LAT	302.	Later's 25% DDT E.C. Insecticide
10775	SHL	303.	DDT 25 Emulsible Concentrate Insecticide
10824	NIB	304.	DDT 5 Dust Insecticide
10828	CHG	305.	Furadan 4.8 Flowable Systemic Insecticide Liquid Concentrate
10868	DUQ	306.	Du Pont Lannate
10934	MCE	307.	Montclair Tusect Roach Powder
10948	MAG	308.	Magnacide H (Inhibited Acrolein Herbicide)
11047	FEP	309.	FPC Roach Powder
11118	GCP	310.	Green Cross Toxaphene 60% Emulsifiable Concentrate
11137	SUG	311.	Sumithion Technical
11138	SUG	312.	Sumithion 100 E.C.
11144	NAP	313.	Carzol SP Miticide
11212	NIB	314.	Guthion 50-W Azinphos-Methyl Insecticide Wettable Powder
11310	NIB	315.	Afesin-M Liquid Herbicide contains Monolinuron and MCPA Ester
11334	PHL	316.	Phostoxin (Coated Tablets) for Ground Hog Control
11411	SAF	317.	Sanex Methyl Bromide

CLASSIFICATION OF FERTILIZERS CONTAINING PESTICIDE PRODUCTS  
BY FERTILIZER ACT REGISTRATION NUMBER

FERTILIZER  
ACT (CANADA)  
REGISTRATION

NUMBER	COMPANY	ITEM	PRODUCTS
2048	C.I.L.	318.	C-I-L Lawn Doctor Rx 6-9-6 with Tupersan, Mecoprop, Dieldrin and 2,4-D

O. Reg. 119/73, s. 4, *part*

Schedule 2

PEST  
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PRODUCTS  
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(CANADA)

CLASS "B" PRODUCTS

CODE NO.	COMPANY	ITEM	PRODUCT NAME
19	GCP	1.	Green Cross Arsenate of Lead Insecticide
47	GEI	2.	Black Leaf 40 Nicotine Sulphate Solution
58	NIB	3.	Lead Arsenate Insecticide
109	BRG	4.	Fairview Gopher-Cop
291	GAC	5.	Richards Gopher Poison contains Strychnine
358	CHP	6.	Chipman Lead Arsenate Insecticide
381	MAR	7.	2 in 1 Bug Killer 3% Arsenic and 7% Copper
447	MAR	8.	Manchester 2 in 1 Bug Killer 2% Arsenic
511	CHP	9.	Chipman Nicotine Sulphate 40 Contact Insecticide
515	SAR	10.	Sarm Gopher Poison contains Strychnine
632	CAM	11.	"Lightning" Gopher Poison (contains Strychnine)
659	MBE	12.	Insectin Arseniate de Calcium

PEST  
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PRODUCTS  
ACT (CANADA)

CODE NO.	COMPANY	ITEM	PRODUCT NAME
786	NOD	13.	Northern Gopher Poison (contains Strychnine)
921	NIB	14.	Elgetol Liquid Insecticide-Fungicide (contains DNOC)
1082	BAT	15.	Bartlett Arsenate of Lead
1083	MBE	16.	Rapid Bug Killer
1318	DUQ	17.	Du Pont Tersan 75 Thiram Turf Fungicide
1344	PIE	18.	Pied Piper Roachocide
1664	ROH	19.	Dithane D-14 Agricultural Fungicide (contains Nabam)
1685	GCP	20.	Green Cross Bug Killer (2% Arsenic Dust)
1709	GCP	21.	Green Cross Basi-Cop Fungicide (Copper Oxychloride)
1778	MIF	22.	Midland Gas-O-Cide Gas Fumigant
2294	CHP	23.	TRI-COP Wettable Powder Copper Fungicide
2324	DOW	24.	Dowfume EB—15 Inhibited Soil Fumigant
2425	SHL	25.	D-D Soil Fumigant
2707	DOW	26.	Dowfume EB-5 Grain Fumigant
2985	CHP	27.	Benesan 50% Lindane Wettable Powder Insecticide
3116	GCP	28.	Green Cross Low Volatile 2,4,5-T Ester "64"
3132	DOW	29.	Dow General Liquid Dinoseb Herbicide
3159	GCP	30.	Green Cross P.M.A.S. Turf Fungicide
3162	GCP	31.	Green Cross Chlordane 8 E.C. Insecticide
3195	STF	32.	Neutro Cop 53 Basic Copper Fungicide
3226	LAT	33.	Later's Copper Spray—Tribasic Copper Sulphate
3267	CHD	34.	Penta Preservative Concentrate 1-10
3328	NIB	35.	Lindane 25 WP Insecticide
3367	DOW	36.	Dowfume W-85 Soil Fumigant containing Ethylene Dibromide
3426	AMC	37.	Weedone LV-4 2,4-D Ester Weed Killer Liquid
3489	GCP	38.	Green Cross 25% Lindane Wettable Powder
3501	CLA	39.	PMAS—10% (Liquid) Phenyl Mercuric Acetate
3528	VIT	40.	Lethalaire G-57 Aerosol Insecticide
3562	GCP	41.	Green Cross Bunt-No-More Powder
3668	WIL	42.	Wilson's Crabgrass Killer contains Potassium Cyanate
3734	PFF	43.	Calsa 25% Lindane Wettable Powder Insecticide
3749	LAT	44.	Later's 2,4-D Ester Low Volatile Weedkiller
3771	CLA	45.	PMAS—10% (Liquid) Phenyl Mercury Acetate
3843	DOW	46.	Dowfume V Vault Fumigant
3870	AMC	47.	Weedone Emulsifiable Concentrate
3926	GCP	48.	Green Cross Erad Eradicant Fungicide
3939	GOC	49.	A-K Moss Kill
3942	STF	50.	BHC 12-W Agricultural Insecticide
3959	CHP	51.	Chipman Brushkiller 76 Low Volatile Iso-octyl Esters
3961	CHP	52.	Chipman 2,4,5-T 76 Low Volatile, Weed and Brushkiller
4019	STF	53.	Chlordane 9.6E Emulsifiable Liquid Insecticide
4042	SHL	54.	2,4,5-T Liquid Brushkiller L.V. 76.8
4044	SHL	55.	2,4-D + 2,4,5-T Liquid Brushkiller L.V. 76.8
4097	MET	56.	Metasol Apple Spray, Organic Mercury Fungicide
4167	DOW	57.	Dow Preemerge Liquid Weed Killer containing Dinoseb
4293	NIB	58.	Niagara 2,4,5-T Brushkiller Weed Killer
4295	NIB	59.	Niagara Commercial Brush Killer Weed Killer
4334	RAL	60.	Purina Insect Oil Concentrate
4363	GCP	61.	Green Cross Liquid Thiogreen Fungicide (Nabam 22%)
4369	GCP	62.	Green Cross Low Volatile Brushkil 64
4429	PLG	63.	Plant Products Lindane 25 Wettable Powder Insecticide
4486	NIB	64.	Sinox PE Water Soluble Dinitro Weed Killer
4535	NIB	65.	Sinox General A Contact Weed Killer
4584	TUC	66.	Bin Treat contains Lindane
4641	INT	67.	Co-op Bulk Fumigant
4717	MET	68.	Mist-O-Matic Phenyl Mercury Acetate Liquid Seed Treatment
4763	GCP	69.	Green Cross Low Volatile Weed-No-More
4771	NAL	70.	National Ten Ten 2,4-D Liquid Weed Killer

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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
4847	MET	71.	Puraseed—A Cadmium Mercurial Seed Treatment
4887	STF	72.	Cythion 9.6 E Premium Grade Malathion
4949	ALS	73.	No-Weed 2,4-D Ester 64 Low Volatile Weed Killer
4980	CHP	74.	Chipman 2,4-D Ester 80 Low Volatile, Liquid Weedkiller
4982	LAT	75.	Later's Chlordane 800 E.C.
4983	ALS	76.	No-Weed 2,4-D and 2,4,5-T Low Volatile Ester Brushkiller
5042	HAB	77.	Tri-X Brand Fumigant
5068	MAP	78.	Cadminate Turf Fungicide Wettable Powder
5104	CHP	79.	Chipman Thiram SF-75 Seed Treatment
5232	LED	80.	Leitte Spotfume 50 Kills Cereal Infesting Insects
5237	MBE	81.	Mar-Cop 52 Fungicide
5242	INT	82.	Co-op L.V. 2,4-D Ester 64 Liquid Weed Killer
5321	DOW	83.	Kuron Weed and Brush Killer Emulsifiable Concentrate
5324	BRH	84.	Bramco "Brush-Kil" Low Volatile 64
5438	PFF	85.	Calsa 2,4-D Low Volatile Ester 96 Liquid Herbicide
5475	ROH	86.	Karathane WD Agricultural Fungicide and Miticide
5477	CLA	87.	Spotrete Thiram Turf Fungicide Powder
5511	GCP	88.	Green Cross Low Volatile 2,4-D Ester 96 Weedkiller
5556	ALR	89.	Blitz 10 PMA Herbicide-Fungicide
5614	BRH	90.	Weed-Bane Ester 80 2,4-D Liquid
5741	LAT	91.	Later's Nicotine Sulphate 40 Insecticide
5746	VAR	92.	Guardsman Sodinoc Soluble Powder
5841	DUQ	93.	Du Pont Arasan 75 Thiram Seed Protectant
6000	SHL	94.	2,4,5-T Liquid Brushkiller L.V. 112
6002	SHL	95.	2,4-D + 2,4,5-T Liquid Brushkiller L.V. 112
6004	SHL	96.	Shell 2,4-D Weed Killer Ester L.V. 112
6007	STF	97.	Captan 75 Seed Treater for Seed Disease Control
6097	WHL	98.	Whitmoyer Hexon—20 contains 20% Lindane
6120	CHP	99.	Chipman Nabam Liquid Fungicide
6140	NIB	100.	Niagara 2,4-D Estesol LV 96 Weedkiller
6241	MAP	101.	Kromad Broad-Spectrum Turf Fungicide
6245	TUC	102.	Acti-dione 5% Turf Fungicide Powder
6320	MOL	103.	Randex Emulsifiable Concentrate
6330	DOW	104.	Esteron 99 Concentrate Liquid Farm Weed Killer
6334	COO	105.	Fungidex Wettable Powder Fungicide
6353	STF	106.	Acritet 34-66 Fumigant
6369	NIB	107.	Niagara Nabam Liquid Fungicide
6374	ROH	108.	Kelthane E.C. Agricultural Miticide
6420	CYC	109.	Liquid Cyanamid, A General Contact Weed Killer
6432	DOW	110.	Telone Liquid Soil Fumigant
6514	WEA	111.	Weedex Wonder Bar Chemical Weed Killer
6522	ALR	112.	"Thiram 75" Fungicide for Golf and Lawn Turfs
6526	ALS	113.	No-Weed Low Volatile 2,4-D Ester 80
6528	SAF	114.	65.5 Chlordane Emulsifiable Concentrate Insecticide
6566	MET	115.	Puraturf #10 Fungicide Powder
6580	KEM	116.	Kem-Grain Fumigant
6582	KEM	117.	Kem-Sure-Kill Machinery Fumigant
6589	TUC	118.	Phosbait Mouse Bait contains Zinc Phosphide
6629	TUC	119.	Building Insect Oil Concentrate
6632	STF	120.	Trithion 25—WP Insecticide—Acaricide
6654	STF	121.	Trithion 4 Flowable Insecticide—Acaricide
6718	NIB	122.	Niagara 2:1 Liquid Brush and Weed Killer
6720	NIB	123.	Premium Brush and Weed Killer
6726	BAT	124.	Bartlett Fixed Copper Fungicide Spray Powder
6747	MBY	125.	Embutox E 2,4-DB Butyl Ester
6753	DUQ	126.	Du Pont Thylate Thiram Fungicide
6766	BRH	127.	Bramco Malathion Insecticide 1000
6829	GCP	128.	Green Cross Low Volatile Brushkil "96"
6853	GCP	129.	Green Cross Soil Kare (Mylone) Granular Fumigant



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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
6857	CHG	130.	Co-Ral 25% Wettable Powder Animal Insecticide
6935	TUC	131.	Acti-dione RZ Antibiotic Turf Fungicide
6950	LAT	132.	Later's Pentachlorophenol Wood Preservative
6987	FIS	133.	Fisons Primatol S Brand of Simazine 50W
6993	CUT	134.	K.R.S. For Horses Kills Screw Worms and Maggots
6994	CHP	135.	Chlorea Granular Grass and Weed Killer
7015	FUL	136.	Fulex Nicotine Fumigator
7021	SAR	137.	Sarm Lo-Volatile Ester 2,4-D Weedkiller
7024	WEA	138.	Weedex Wonder Stik 2,4-D Weedkiller
7036	DUQ	139.	Du Pont Karmex Diuron Weed Killer
7038	DUQ	140.	Du Pont Telvar Monuron Weed Killer
7040	DUQ	141.	Du Pont Dybar Fenuron Weed and Brush Killer
7042	DUQ	142.	Du Pont Kloben Neburon Weed Killer
7044	DUQ	143.	Du Pont Trysben 200 General Weed Killer
7106	NIB	144.	Nicotine Sulphate Insecticide
7112	MOL	145.	Randow Granular Selective Herbicide
7126	CLA	146.	Thimer Wettable Powder Turf Fungicide
7132	SHL	147.	2,4-D Liquid Weedkiller Ester L.V. 80
7154	DOW	148.	Dowfume EB—59 Spot Fumigant
7175	CHP	149.	Thiodan 2 Emulsifiable Concentrate Insecticide
7190	TUC	150.	Bin Fume Grain Fumigant
7210	STF	151.	Penta 10-1 Concentrate Wood Preservative Solution
7224	PLG	152.	Nicotine Pressure Fumigators
7227	DOW	153.	Vertifume Grain Fumigant Solution
7239	MBY	154.	Mersil Turf Fungicide
7285	WIL	155.	Wilson's Slug-Kil
7341	CHG	156.	Guthion 3% Dust Crop Insecticide
7351	MOL	157.	Avadex (diallate) Selective Herbicide Wild Oat Killer
7379	PLG	158.	Concentrate Liquid Plant Chickweed Killer
7394	PFF	159.	Calsa 2,4,5-T 96 L.V. Liquid Brushkiller
7398	CHG	160.	Dexon 70% Wettable Powder Seed Fungicide
7404	MBE	161.	Herbe a la Puce et Herbicide 64 L.V.
7410	FIS	162.	Fisons Diazinon 25E (Agricultural) Insecticide
7417	MBE	163.	Arseniate de Plomb "Marquette" Insecticide
7428	NIB	164.	Thiodan 50 WP Insecticide contains Endosulfan
7442	CHV	165.	Ortho Dibrom Insecticide Emulsifiable Concentrate
7508	AMC	166.	LV-80, 2,4-D Ester Weed Killer Emulsifiable Concentrate
7523	BRD	167.	Bradford Liquid Cyanamid, General Contact Weed Killer
7525	INT	168.	Co-op L.V. 2,4-D Ester 112 Liquid Weed Killer
7527	INT	169.	Co-op L.V. Brush Killer 112 (2,4-D and 2,4,5-T)
7580	ALS	170.	Penta-Chem Concentrate Pentachlorophenol
7599	CHP	171.	Gammasan Drill Box Seed Treatment Powder
7658	LAT	172.	Later's Clover and Chickweed Killer
7660	BRH	173.	Bramco Brush-Kil Low Volatile 96 oz. (50/50 mix)
7682	NIB	174.	Waxed Mouse Bait 2 contains Zinc Phosphide
7693	CHP	175.	Borea Granular Non-Selective Grass and Weed Killer
7701	NAP	176.	Vorlex Liquid Soil Fumigant
7803	DOW	177.	Vidden D a Soil Fumigant Solution
7817	PED	178.	Penco Aquathold Aquatic Weed Killer Liquid
7848	NIB	179.	Niagara Ethion 25 Wettable Powder Insecticide
7852	STF	180.	Trithion 10 Granular Organic Phosphate Soil Insecticide
7882	CHG	181.	Meta-Systox-R Spray Concentrate Systemic Insecticide
7884	CHG	182.	Di-Syston Granular Systemic Insecticide
7899	CHP	183.	Chipman 2,4-D Butyric 64, Selective Weedkiller
7932	CHG	184.	Bay 29493 Spray Concentrate Ornamental Insecticide
7934	CHG	185.	Bay 29493 Wettable Powder Ornamental Insecticide
7962	ROH	186.	Dithane A-40 Agricultural Fungicide
7967	DOW	187.	Fumazone 70E—Soil Fumigant
8002	TUC	188.	Acti-Dione Thiram Turf Fungicide

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8020	CHP	189.	Chipman Granular Driveway Weedkiller
8021	CYC	190.	Cythion Liquid Grain Protectant
8022	LAT	191.	Later's Calcide Vegetation Killer
8024	BAT	192.	Bartlett Mouse Bait
8043	DOW	193.	Ruelene 25 E Pour
8056	CHG	194.	Co-Ral 5.0% Dust Poultry Insecticide
8072	GCP	195.	Green Cross Lindasan Combination Seed Treatment
8080	CHG	196.	Baytex 25% Wettable Powder Insecticide
8082	CHG	197.	Baytex Spray Concentrate Insecticide
8084	CHG	198.	Baytex Spray Concentrate Barn Insecticide
8086	CHG	199.	Entex Spray Concentrate PCO Insecticide
8090	CHG	200.	Entex Oil Soluble Concentrate PCO Insecticide
8095	PFF	201.	Calsa Brushkill 64 Low Volatile
8099	NIB	202.	Brushkiller LV 96 Weedkiller
8146	CHD	203.	Chapman Permatox 10-S
8150	CHD	204.	Chapman Penta WR Concentrate 1-5
8165	LAT	205.	Later's Mite Killer
8201	WEA	206.	Weedex Clover and Chickweed Bar Chemical Weedkiller
8248	CHP	207.	Chipman Thiodan 50% Wettable Powder Insecticide
8255	DOW	208.	2,4-D Low Volatile 64 Farm Weedkiller
8258	ROH	209.	Kelthane AP Agricultural Miticide W.P.
8277	CYC	210.	Cygon 4-E Emulsifiable Concentrate Insecticide
8309	SHL	211.	Vapona 20 E.C. Insecticide
8311	ALS	212.	ACS "2,4,5-T" Low Volatile Brush Killer
8328	BRH	213.	Bramco Nemagon 10.3E Soil Fumigant
8349	CHP	214.	Chipman 1.F. Dual Purpose Seed Treatment
8355	TUC	215.	Grain Guard Liquid Concentrate
8372	LAT	216.	Later's Malathion 1000 E.C. Insecticide
8374	CUT	217.	K.R.S. For Horses Controls Screw Worms and Maggots
8409	CYC	218.	Thimet 10% Granular Systemic Insecticide
8425	SHL	219.	2,4-D + 2,4,5-T Liquid Brushkiller L.V. 96
8431	DOW	220.	Esteron 3-3E Emulsifiable Concentrate
8451	USB	221.	Monobor-Chloratè Granular Weed and Grass Killer
8453	NIB	222.	Pomogreen Dust for Insects and Diseases
8457	NIB	223.	Tree and Shrub Dust Insecticide
8493	UAF	224.	"Summit" Low Volatile 2,4-D Iso-octyl Ester 64
8495	UAF	225.	Summit Low Volatile 80 Emulsifiable Weed Killer
8504	CYC	226.	Cygon Emulsifiable Concentrate Hopper Kill
8525	CHP	227.	Chlorea S Granular Grass and Weed Killer
8543	PFF	228.	Calsa Brushkill 76.8 Low Volatile Brush Killer
8547	PFF	229.	Calsa 2,4,5-T 76.8 Low Volatile Brush Killer
8575	FIS	230.	Fisons Diazinon 50W
8582	FIS	231.	Hopper-Tox "64" Dimethoate Insecticide
8604	SHL	232.	Shell AA Soil Drench
8609	DOW	233.	Zectran 23W Insecticide
8611	DOW	234.	Zectran 2E Insecticide
8620	BAT	235.	Bartlett Methoxychlor 50 W.P. Insecticide
8631	VEL	236.	Velsicol Banvel D Liquid Herbicide
8635	FIS	237.	Fisons Gesatop Brand of Simazine 50W
8637	DUQ	238.	Du Pont Hyvar X Bromacil General Weed Killer
8651	ALS	239.	Calmix Pellets No. 2
8654	CHD	240.	Timpreg Pak Pol-Nu Type Ground Line Pole Treatment
8655	AMC	241.	Amizine Wettable Powder, a General Weedkiller
8656	CHD	242.	Timpreg Pol-Nu-Type Preservative Grease
8657	NAC	243.	National Chemsearch Chemester 123 Herbicide
8661	CHP	244.	Gramoxone Liquid Herbicide with wetting agent
8662	NIB	245.	Niagara Chlordane 8 E.C. Insecticide
8663	NIB	246.	Moracide 50 Wettable Powder Miticide
8681	FIS	247.	Geigy Snip Fly Bands



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8698	JUD	248.	Killer Kane Kartridges for Crabgrass
8737	POP	249.	Poulin's Gopher Doom Liquid
8741	CHV	250.	Ortho Dibrom Concentrate Non-Emulsifiable Insecticide
8794	MET	251.	Gallo-Drench Greenhouse Soil Drench
8803	PED	252.	Perthane F-4 Flowable Concentrate Insecticide
8813	WIL	253.	Wilson's Systemic Insecticide Granules
8826	ABE	254.	Waco Malathion Grain Protectant
8829	NIB	255.	Gardenall Spray for Insects and Diseases
8852	USB	256.	Monobor-Chlorate Granular D Nonselective Weed and Grass Killer
8856	NIB	257.	Thiram 75 WP Turf Fungicide
8885	GCP	258.	Green Cross Kil-Mor Banvel 3 Liquid Herbicide
8899	CHP	259.	Chipman Brushkiller 96
8901	CHP	260.	Chipman 2,4,5-T 96
8903	CHP	261.	Chipman 2,4-D Ester 96 Liquid Weedkiller
8928	PLG	262.	Protexall Granular Systemic Insecticide
8929	CHP	263.	Sayfos 70 D.P. Wettable Powder Systemic Insecticide
8938	LED	264.	Leitte Acrilo Fumigant
8959	PFF	265.	Calsa 96 L.V. Brushkiller 2 to 1 Mix
8964	NIB	266.	Gopher Poison contains Strychnine
8981	GCP	267.	Green Cross Thiodan 50 W.P. Insecticide
9000	FIS	268.	Fisons Diazinon 50 E C (agricultural)
9002	FIS	269.	Fisons Diazinon 50S (Oil Solution)
9003	DOW	270.	Tordon 10K Systemic Herbicide
9004	FIS	271.	Fisons Diazinon 50E (Industrial)
9005	DOW	272.	Tordon 22K Weedkiller Solution
9007	DOW	273.	Tordon 101 Mixture Systemic Brushkiller Solution
9015	FIS	274.	Fisons Primatol O Brand of Prometone 25E
9045	GCP	275.	Green Cross Low Volatile 2,4,5-T Ester 96
9051	LAT	276.	Later's Low Volatile Brush Killer 80
9062	DUQ	277.	Du Pont Hyvar X-WS Bromacil General Weed Killer
9072	SHL	278.	Nemagon 130 E.C. Soil Fumigant
9073	ELA	279.	Elanco Dymid 80W
9074	RAL	280.	Cygon 4-E Emulsifiable Concentrate
9080	NIB	281.	Thiodan 4E Insecticide
9148	NAC	282.	National Chemsearch C-A-D—Fungicide
9152	CHP	283.	Chipman D-L Seed Treatment
9157	AMC	284.	Amchec Fenac Liquid
9161	MUS	285.	MSCo Fungicide "VX" (Wettable Powder)
9163	CHG	286.	Dexon 35% Wettable Powder Turf and Soil Fungicide
9188	GCP	287.	Green Cross Dormant and Lawn Spray
9197	INT	288.	Co-op Granular Soil Sterilant, Weed and Grass Killer
9199	INT	289.	Co-op Grass and Weed Killer Granular
9247	MCC	290.	McClelland's Lindane 10% Emulsifiable Concentrate
9267	LAT	291.	Later's Gopher Poison
9268	PFF	292.	Calsa Brushkill 96 Low Volatile
9269	NIB	293.	Thiralin Rape and Mustard Seed Treatment Powder
9283	GCP	294.	Green Cross DCL Dual Purpose Seed Treatment Powder
9287	NIB	295.	BHC 12 Wettable Powder Insecticide
9291	CHG	296.	Meta-Systox-R Systemic Spray Concentrate Insecticide
9327	DOW	297.	Tordon Beads Herbicide Weed and Brushkiller
9332	LAT	298.	Later's Lindane 20 E.C. Insecticide
9337	CYC	299.	Malathion LV Concentrate Insecticide
9342	ALS	300.	Calmix Pellets No. 3 Weed Killer and Soil Sterilant
9347	NIB	301.	Niagara Cygon 4 E Insecticide
9355	SHL	302.	2,4-D Liquid Weedkiller Ester L.V. 96
9362	FIS	303.	Gesagard contains Geigy Prometryne
9377	CLI	304.	Penfume Liquid Fumigant
9382	PFF	305.	Pfizer Cygon Dimethoate 4E Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9398	CHG	306.	Guthion Insecticide Spray Concentrate
9404	CBR	307.	Formula GH-20 an Insecticide Fogging Solution
9415	AMC	308.	Amchem Phenox—Liquid Herbicide
9425	MAT	309.	Master Building Insect Oil
9427	PLG	310.	Plant Fog Sulfotep Thermal Fogging Solution
9428	CHG	311.	Co-Ral Emulsifiable Concentrate Livestock Insecticide
9429	GCP	312.	Green Cross Drillbox Bunt-No-More Powder
9439	NIB	313.	Brush Killer 1:1 Liquid Herbicide
9482	NIB	314.	Driveway Granular Weedkiller
9491	GCP	315.	Green Cross Diazinon-Captan Seed Treatment
9500	GCP	316.	Green Cross Drill Box DCL
9505	CHP	317.	Chipman B-3 Dual Purpose Insecticide-Fungicide
9506	PFF	318.	Pfizer Brushkill 64 Low Volatile Esters of 2,4-D and 2,4,5-T
9510	MBY	319.	Buctril M Bromoxynil Octanoate and MCPA Ester
9517	FIS	320.	Basudin 14G—contains Diazinon 14% Granular Insecticide
9524	LAT	321.	Later's Hybor-D-Granular Soil Sterilant
9526	MET	322.	Metasol—10 Liquid Phenyl Mercuric Acetate
9531	PED	323.	Aquathol Plus Granular Aquatic Herbicide
9560	DOW	324.	Esteron 6-E Liquid Farm and Industrial Weed Killer
9561	PFF	325.	Pfizer 2,4-D Low Volatile 96 Ester Liquid Weed Killer
9569	LAT	326.	Later's PMA—10 Liquid Phenyl Mercuric Acetate
9570	CHG	327.	Baytex Liquid Concentrate Insecticide contains Fenthion
9575	AYH	328.	Fintrol R-5 Granular Fish Toxicant (antimycin)
9577	NIB	329.	Perthane 4.8 E.C. Liquid Emulsifiable Concentrate Insecticide
9580	MET	330.	Thiram 75% W.P. Turf Fungicide
9581	NIB	331.	Estoprop LV Liquid Weedkiller
9587	ALS	332.	No-Weed Low Volatile Liquid Weed Killer
9606	VEL	333.	Velsicol Banvel 3 Liquid Herbicide
9621	NIB	334.	Thiram 75 Seed Fungicide Dust
9623	LIE	335.	Tim-Ber-Lox Fungicided Wood Preservative
9625	OLH	336.	Ochemco Low Volatile 2,4-D Ester 96 Liquid Weed Killer
9629	CHD	337.	Weed-Free G, Granular Non-Selective Grass and Vine Killer
9646	NIB	338.	Polyram—C Turf Fungicide Wettable Powder
9651	AMC	339.	AMCHEM BROMINAL Emulsifiable Weed Killer
9664	DOW	340.	Esteron T-6E Emulsifiable Concentrate
9733	LAT	341.	Later's Premium Weed and Pavé Solution
9761	OLH	342.	Ochemco Low Volatile 2,4-D Ester 80 Liquid Weed Killer
9763	PLG	343.	Plantco Turf and Soil Fungicide
9784	DOW	344.	96 Brush Killer 2DO-ITO Emulsifiable Concentrate
9785	DOW	345.	112 Brush Killer DO Emulsifiable Concentrate
9786	DOW	346.	112 Brush Killer DO-TO Emulsifiable Concentrate
9787	DOW	347.	112 Brush Killer TO Emulsifiable Concentrate
9807	INT	348.	Co-op Cygon 4EC
9816	NIB	349.	Mushroom House Fungicide Soluble Granular Powder
9825	NAP	350.	Vorlex 201 Preplant Soil Fumigant
9833	NIB	351.	Linazine W. Pre-emergent Herbicide
9835	RES	352.	Rentokil Alphakil—Quick Humane Mouse Killer
9856	AMC	353.	Brominil-M-Emulsifiable Weedkiller
9870	ALR	354.	Cadex Liquid Cadmium Turf Fungicide
9871	PLG	355.	Plantco Turf Fungicide
9873	SUM	356.	Flora-Fog Dithione Greenhouse Fogging Solution
9879	VAR	357.	Guardsman 50% Ovex Wettable Powder Miticide
9885	NIB	358.	Brushkiller 1:1 LV 112 Liquid Herbicide
9894	GCP	359.	Green Cross Res-Q Non-Mercurial Seed Disinfectant Powder
9896	GCP	360.	Green Cross 75% Thiram Wettable Powder for Turf Diseases
9907	AMC	361.	Aqua-Kleen 20 Granular-A
9916	PLG	362.	Plantfume Lindane Smoke Fumigators
9918	PLG	363.	Plantco Systemic Insecticide Emulsifiable Concentrate
9934	PFF	364.	Calsa Chem-Cop 53 Wettable Powder

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9940	STF	365.	Perthane 4-E Emulsifiable Liquid Insecticide
9945	DIT	366.	Lindane 10% Emulsifiable Liquid Insecticide
9964	CHV	367.	Ortho Difolatan 4 Flowable Suspension Fungicide
9984	CBR	368.	Formula GH-31 a Miticide Fogging Solution
10030	FIS	369.	Fisons Gesaprim Brand of Atrazine 80W
10031	NAP	370.	Panoram RPX Combination Drill Box Seed Treatment
10032	MBE	371.	Cygon 4-E Emulsion Concentree Systemic Insecticide
10045	GCP	372.	Green Cross Drillbox Lindasan Combination Seed Treatment
10047	COQ	373.	Cooper Water Soluble Rat and Mouse Killer Powder
10060	VAR	374.	Guardsman Ester Brushkiller
10069	IMP	375.	Esso 2,4-D LV-80 Liquid Weedkiller
10086	USB	376.	Hibor C Granular Weed and Grass Killer
10093	MBE	377.	Marquette Thiram 75 Desinfectant des Graines
10094	CHV	378.	Bux Ten Granular Insecticide
10100	GCP	379.	Green Cross Thiodan 4 Emulsifiable Concentrate
10103	PLG	380.	Plant Fume Azobenzene Miticide Smoke Fumigator
10104	GCP	381.	Green Cross Cygon 4E Emulsifiable Concentrate
10123	PFF	382.	Calsa 22% Nabam Liquid Fungicide
10142	CHP	383.	Cygon 4-E Emulsifiable Concentrate
10145	USB	384.	Killpower, New Improved Granular Ureabor
10146	DIT	385.	Fenthion 50E Emulsifiable Liquid Insecticide
10147	DIT	386.	Fenthion 50S Oil Concentrate Insecticide
10148	DIT	387.	Thiofen Fogging Oil Concentrate
10157	ALS	388.	ACS LV 112 Low Volatile 2,4,5-T Brush Killer
10158	ALS	389.	ACS LV 120 Emulsifiable Brush Killer
10161	ALS	390.	ACS 2,4-D Low Volatile Ester 112 Weed Killer
10163	VAR	391.	Guardsman Ester 80 Weedkiller
10175	CHG	392.	Guthion 2% Dust Insecticide
10177	CHG	393.	Dasanit 15% Granular Insecticide-Nematicide
10185	CHP	394.	Thiodan 4 Emulsifiable Concentrate
10190	NIB	395.	Tandex 80 W Herbicide Wettable Powder
10197	PFF	396.	Calsa Thiram 75 Seed Fungicide Dust
10210	DOW	397.	Tordon 212 Mixture Weedkiller Solution
10215	CHP	398.	Chipman Brushkiller 112
10216	PED	399.	Herbicide 273 Liquid
10217	INT	400.	Co-op L.V. 2,4-D Ester 96 Liquid Weed Killer
10220	ROH	401.	Karathane L.C. Agricultural Fungicide and Miticide
10231	CAY	402.	Zep Formula 777—Weed Killer
10247	GCP	403.	Dual Purpose Res-Q Non-Mercurial Seed Disinfectant
10249	CHG	404.	Gophacide 0.1% Bait Rodenticide
10256	CHV	405.	Ortho Triox Granular Vegetation Killer
10257	LAT	406.	Later's Weedkiller Low Volatile 2,4-D Ester
10276	FIS	407.	Fisons Diazinon-Lindane Insecticide
10277	FIS	408.	Basudin Brand of Diazinon-Lindane-Captan
10301	USB	409.	Biobor J F A Liquid Biocide
10303	CYC	410.	Liquid Cyanamid 50 General Contact Weedkiller
10306	CER	411.	L.T.F. Liquid Turf Fungicide
10322	MBY	412.	Zolone 30% Phosalone Insecticide Wettable Powder
10324	KEM	413.	Riddex Cythion Grain Protectant
10330	NIB	414.	Bordo Spray Wettable Powder Fungicide
10331	DUQ	415.	LVK Liquid Vegetation Killer
10332	FIS	416.	Primatol A 80 contains Atrazine—Wettable Powder
10338	CHP	417.	Agrox N-M Drill Box Non-Mercurial Seed Treatment
10339	CHP	418.	Mergamma N-M Drill Box Dual Purpose Seed Treatment
10357	SHL	419.	20% Vapona Insecticide Resin Granules
10359	NIB	420.	Furadan 10 Granular Insecticide
10402	LAT	421.	Later's Liquid Puracide-Organic Mercury Fungicide
10430	WEP	422.	Assault Liquid Vegetation Killer
10433	CBR	423.	Formula MU-23-Emulsifiable Concentrate Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10439	DOW	424.	Dursban M Emulsifiable Insecticide
10456	CHG	425.	Tiguvon Spray Concentrate Animal Insecticide
10457	CHG	426.	Tiguvon Pour-on Cattle Insecticide
10458	GCP	427.	Green Cross Amine Weed Killer Liquid
10467	NIM	428.	Gas, M-3 Cartridges
10496	GCP	429.	Green Cross Galecron 50EC
10518	MOL	430.	Lasso Emulsifiable concentrate Weed Killer
10525	CYC	431.	Accothion 8 E.C. Insecticide contains Fenitrothion
10532	CYC	432.	Thimet 15-G
10536	NIB	433.	Liquid Pocket Gopher Poison
10538	IDE	434.	Les Engrais Liquid Cyanamid General Contact Weed Killer
10540	KEM	435.	Kem-Fume Grain Fumigant
10544	NIB	436.	Fixed Copper Wettable Powder Fungicide
10561	ROS	437.	Ross Systemic Insecticide Cartridges
10564	NAC	438.	National Chemsearch NS-610 Weed Killer Soil Sterilant
10608	STF	439.	Dyfonate 5G an Organophosphorus Soil Insecticide Granules
10609	STF	440.	Dyfonate 10G An Organophosphorus Soil Insecticide
10610	STF	441.	Dyfonate Thiram 5-10G
10612	CUT	442.	K.R.S. Smear for Horses
10616	NIB	443.	Fundal SP-Miticide-Insecticide
10622	VAR	444.	Guardsman Brushkiller 96 Emulsifiable Concentrate
10628	DUQ	445.	Du Pont Sinbar Terbacil Weed Killer
10637	DOW	446.	Dursban 4E Emulsifiable Insecticide
10640	PLG	447.	Plant-Fume Nicotine smoke Fumigators
10657	GCP	448.	Green Cross Gardal Systemic Rose and Ornamental Spray
10660	INT	449.	Co-op N.M. Seed Treatment Powder
10661	INT	450.	Co-op Rapeseed and mustard Drill Box Seed Treatment
10662	INT	451.	Co-op N.M. Dual Purpose Seed Treatment Powder
10665	CHV	452.	Ortho Super-B-Gon
10666	NIB	453.	Furadan 5 Granular Systemic Insecticide
10667	GCP	454.	Green Cross Diazinon-Lindane Insecticide
10673	DOW	455.	Dursban 4E Emulsifiable Insecticide
10676	PLG	456.	Plant Fog Dicofof A Thermal Fogging Miticide Solution
10693	DIT	457.	Dichlorvos 20S Oil Concentrate Insecticide
10694	DIT	458.	Dichlorvos 20E Emulsifiable Concentrate Liquid Insecticide
10695	FIS	459.	Fisons Lovozal 20W 20% Wettable Powder Miticide
10702	GCP	460.	Green Cross Drillbox Wireworm Killer contains Lindane
10716	CHP	461.	Chipman Chlordane 8 Emulsifiable Concentrate Insecticide
10732	VAR	462.	Guardsman Dinitro Amine Weedkiller
10753	SHL	463.	Bladex Herbicide for Use in Corn Fields 80% Wettable Powder
10776	CHG	464.	Folithion Liquid Concentrate Forest Insecticide
10783	PFF	465.	Pfizer Malathion Liquid Grain Protectant
10791	FIS	466.	Fisons Lovozal 40 W 40% Wettable Powder Miticide
10796	ANA	467.	Super Anbrex Brand of Atrazine 80W (80% Wettable Powder)
10807	CON	468.	Consolite Weed-O Grass and Weed Killer
10808	CER	469.	Soil-Ster Non-Selective Weed Killer
10816	GCP	470.	Green Cross Poa Annual Killer Liquid Herbicide
10820	KEM	471.	Riddex F-50 Fogging Insecticide Concentrate
10821	KEM	472.	Riddex Fenthion 50E Emulsifiable Concentrate Insecticide
10826	CHG	473.	Furadan 5 Granules Systemic Insecticide
10827	CHG	474.	Furadan 10 Granules Systemic Insecticide
10840	CHG	475.	Bayluscide 5% Granular Molluscicide
10841	CHG	476.	Bayluscide 5% Granular Sea Lamprey Larvicide
10842	CHG	477.	Bayluscide-TFM Wettable Powder Sea Lamprey Larvicide
10847	GCP	478.	Galecron 95 SP Miticide-Insecticide
10853	GCP	479.	Green Cross Liquid Vegetation Killer
10895	CHG	480.	Dasanit plus Thiram 5%—10% Granular Insecticide-Fungicide
10896	CHP	481.	Chipman Drillbox D-L Plus Insecticide-Fungicide
10903	GEE	482.	Princep 50W Wettable Powder Herbicide of Simazine



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CODE NO.	COMPANY	ITEM	PRODUCT NAME	
10904	GEE	483.	Princep 80W Wettable Powder Herbicide of Simazine	
10905	GEE	484.	Aatrex 80W Wettable Powder Herbicide of Atrazine	
10906	GEE	485.	Primatol 80W Wettable Powder Herbicide of Atrazine	
10907	GEE	486.	Simmapurim 80W Wettable Powder Herbicide of Simazine	
10910	CHG	487.	Bay 94337 70% Wettable Powder Herbicide	
10924	VAR	488.	Guardsman V.W. & R Stain Control Liquid Fungicide Concentrate	
10925	VAR	489.	Guardsman Penta Preservative Concentrate 1-10	
10928	GEE	490.	Aatrex 90W Wettable Powder Herbicide of Atrazine	
10943	PFF	491.	Calsa Dasanit + Thiram 5%—10% Granular Insecticide-Fungicide	
10944	SAN	492.	Sanfax WK—82 Low Volatile Liquid Herbicide	
10953	IMP	493.	Flit Weed Killer	
10960	FED	494.	Rape and Mustard Seed Protectant	
10975	GEE	495.	Basudin 50W Wettable Powder Insecticide contains Diazinon	
10976	GEE	496.	Basudin 50E Emulsifiable Insecticide contains Diazinon	
10977	GEE	497.	Basudin 50S Solution Insecticide contains Diazinon	
10979	GEE	498.	Basudin 50 EC Emulsifiable Concentrate Insecticide	
10980	GEE	499.	Basudin 14G Granular Insecticide contains Diazinon	
10983	GCP	500.	Fenitrothion Technical Insecticide	
10989	GEE	501.	Gesagard 50W Wettable Powder Herbicide of Prometryne	
10993	DIT	502.	Lindane 10S Oil Concentrate Insecticide	
10997	GCP	503.	Green Cross Brushkill Low Volatile 2,4,t-T Ester 112	
10998	GCP	504.	Green Cross 2 to 1 Brushkiller 96 Low Volatile Liquid	
11003	GCP	505.	Green Cross Granular Vegetation Killer	
11011	CHV	506.	Ortho Weed-B-Gon Bar	
11012	CHV	507.	Ortho Weed-B-Gon Clover and Chickweed Bar	
11013	INT	508.	Co-op Chlordane 8 EC Soil Insecticide	
11017	INT	509.	Co-op Cythion Grain Protectant E.C.	
11018	DUQ	510.	Hyvar X-L Bromacil Weed Killer	
11019	DUQ	511.	Hyvar X-P Bromacil Weed and Brush Killer	
11022	BAT	512.	Bartlett Cygon 4E Systemic Insecticide	
11025	UNR	513.	Liquid Dyanap Weedkiller	
11029	CHG	514.	Baygon U-L-V Spray (Ultra Low Volume) Insecticide	
11032	LAT	515.	Later's Dandelion Weed Killer Emulsifiable Concentrate	
11033	BIN	516.	Atrazine 80 WP Zorka Brand Selective Herbicide	
11045	GEE	517.	Aatrex Liquid Herbicide	
11049	FIS	518.	Fisons Dursban 50E Emulsifiable Insecticide	
11053	GEE	519.	Prometone 25E Emulsion Herbicide	
11059	DOW	520.	Zectran FS 5 Insecticide Solution	
11060	DOW	521.	Zectran FS 15 Insecticide	
11063	WOD	522.	Liquid Noxtane 3-A Wood Fungicide Concentrate	
11064	TEC	523.	Dynafoq 90 Concentrate	
11103	CHD	524.	Chapman Weed-Free H C 1.6 Pellets	
11108	AYH	525.	Fintrol—15 (Antimycin A) Granular Fish Toxicant	
11109	AYH	526.	Fintrol Concentrate (Antimycin A) Liquid Fish Toxicant	
11112	CHD	527.	Chapman Permatox 120C Fungicide Concentrate	
11128	CHP	528.	Gramoxone S Liquid Herbicide contains paraquat.	
11137	SUG	529.	Sumithion Technical	
11138	SUG	530.	Sumithion 100EC	
11142	GCP	531.	Green Cross General Weed Killer Emulsifiable	
11148	APB	532.	Cutrine Algaecide	
11153	AMC	533.	Weedone Brushkiller 170	
11154	SHL	534.	Birlane Insecticide 3% Granules	
11157	NIB	535.	Dytop Liquid Potato Top Killer	
11161	ALL	536.	Urox Liquid Oil Concentrated Weed Killer	
11169	NIB	537.	Lindane 20 E.C. Insecticide	
11176	GCP	538.	Green Cross D-L Plus Captan Powder contains Diazinon, Lindane, Captan	

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
11184	NIB	539.	Diuron 80 WP Herbicide
11185	NIB	540.	Monuron 80 WP Herbicide
11187	CHG	541.	Co-Ral Cattle Duster contains Coumaphos
11189	NIB	542.	Tandex-Diuron 80 WP Herbicide
11190	CHP	543.	Chipman Atrazine 80W Wettable Powder Herbicide
11191	MRZ	544.	Marzine formulation of Atrazine 80W Herbicide
11195	SOJ	545.	Atrafine Brand of Atrazine 80W Herbicide (80% Wettable Powder)
11209	OLY	546.	Olympic Toxal Wood Preservative contains Phenylmercury Oleate
11211	MOL	547.	Lasso Weed Killer
11224	VEL	548.	Divel Industrial Liquid Herbicide contains Dicamba
11246	INT	549.	Pool Brand Low Volatile 2,4-D Ester 112 Liquid Weed Killer
11258	NIB	550.	Silvapro 1:1 Brushkiller 112 oz. Liquid Herbicide
11259	MOL	551.	Lasso 10 Granular Herbicide
11261	INT	552.	Co-op Co-San Liquid Seed Treatment (TCMTB 30 EC)
11264	VEL	553.	Phosvel Liquid Insecticide
11271	LAT	554.	Later's Low Volatile Brush Killer E.C.
11274	CGA	555.	Gesagard 80W Herbicide Wettable Powder Formulation of Prometryne
11286	MBE	556.	Spot Insecticide Systemique granule contient du Di-Syston
11288	GCP	557.	SWH 1520 Herbicide Liquid containing 2,4-D Dicamba and Benazolin
11307	FUM	558.	MK Grain Fumigant
11330	INT	559.	Pool N.M. Dual Purpose Drill Box Seed Treatment Powder
11333	STD	560.	Stan-Chem 2,4-D Ester Low Volatile 96 Weed Kil E.C.
11335	BAD	561.	Baird's Dinoseb, Pre-emergence Type Water Soluble Dinitro Weed Killer
11336	CHP	562.	Pirimor 50W Wettable Powder Insecticide
11339	SCT	563.	Scotts ProTurf Broad Spectrum Granular Fungicide
11351	DUQ	564.	Krovar 1 Weedkiller Wettable Powder contains Bromacil and Diuron
11354	CGC	565.	Green Cross Du-Ter Fungicide containing fentin hydroxide
11355	ROH	566.	Rohm & Haas Sure-Kill Potato Top Killer with Dinoseb
11356	SHL	567.	2,4-D and 2,4,5-T Liquid Brushkiller LV 64
11366	STF	568.	FIA 80-20 Grain Fumigant
11373	KEM	569.	Riddex Chlordane 80 Emulsifiable Concentrate Insecticide
11386	PFZ	570.	Pfizer Liquid Cyanamide General Contact Weed Killer
11390	OLS	571.	Ochemco Rapeseed and Mustard Seed Treatment Powder
11398	VAR	572.	Guardsman Cythion 1000 Grain Protectant and Insecticide
11407	INT	573.	Pool Brand Rapeseed and Mustard Drill Box Seed Treatment Powder
11445	GCP	574.	Ekko 80W Corn Herbicide

CLASSIFICATION OF FERTILIZERS CONTAINING PESTICIDE PRODUCTS  
BY FERTILIZER ACT REGISTRATION NUMBER

FERTILIZER  
ACT (CANADA)  
REGISTRATION  
NUMBER

NUMBER	COMPANY	ITEM	PRODUCTS
119	Cyanamid of Can.	575.	Aero (R) 5-20-10 with Phorate
128	Cyanamid of Can.	576.	Aero (R) 10-10-10 with Phorate
893	Cyanamid of Can.	577.	Aero (R) 8-32-16 with Phorate
1071	Cyanamid of Can.	578.	Aero (R) 12-24-12 with Phorate
1162	Chemago Corp.	579.	Systemic 2 in 1 Rose Care 12-9-6 Rose Food with Insecticide
1370	Chevron Chemical	580.	ORTHO Systemic Rose & Flower Care 8-8-8 with Disulfoton

FERTILIZER  
ACT (CANADA)  
REGISTRATION  
NUMBER

## COMPANY

## ITEM

## PRODUCT NAME

1527	Cyanamid of Can.	581.	Aero 18-46-0 with Phorate
1528	Cyanamid of Can.	582.	Aero (R) 11-48-0 with Phorate
1628	So-Green Ind.	583.	So-Green 7-14-7 for Roses, Flowers and Perennials
1788	Shamrock Chemical	584.	Shamrock 8-32-16 with Disulfoton for Beans
1908	Simpson-Sears	585.	Cross Country Lazy Man's Rose & Flower Garden Miracle Worker
1919	Elanco	586.	Elanco 5-10-5 for Roses, Flowers, Perennials
1939	Shamrock Chemical	587.	Shamrock 15-15-15-15 with Disulfoton for Corn
1940	Shamrock Chemical	588.	Shamrock 18-46-0 with Disulfoton for Corn
2059	Green Valley	589.	Green Valley 6-10-4 Systemic Rose & Flower Care
2061	Manchester Prod.	590.	Super Green 10-6-4 with 2,4-D
2063	Manchester Prod.	591.	Super Green 7-7-7 with 2,4-D
2072	C.I.L.	592.	C-I-L Rose Doctor Rx 6-9-6 with Eptam, Di- sulfoton, Chlordane
2083	Chevron Chem.	593.	ORTHO Systemic Rose & Flower Care 8-12-4 Plant Food
2085	Chevron Chem.	594.	ORTHO 3-Way Rose and Flower Care 8-12-4
2108	C.I.L.	595.	C-I-L Rose Doctor 6-9-6 with Eptam, Disulfoton, Chlordane

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## Schedule 3

PEST  
CONTROL  
PRODUCTS  
ACT  
(CANADA)  
CODE NO.

## CLASS "C" PRODUCTS

## COMPANY

## ITEM

## PRODUCT NAME

179	GRA	1.	Meta Slug Killer
243	CHP	2.	Atlacide—Sodium Chlorate Weedkiller
304	NAA	3.	Era Insecticide with Chlordane 2%
685	NOX	4.	Noxall Earwig Bait
835	ELL	5.	Sodium Chlorate
893	WIL	6.	Wilson's Mouse Treat contains 0.4% Strychnine
935	NOX	7.	Noxall Mouceide contains Strychnine
997	MBS	8.	Corry's Slug and Snail-Death
999	CHP	9.	Chipman Warble Powder—Rotenone Insecticide
1054	PSA	10.	"Reel" Lindane Residual Insecticide
1193	BRG	11.	Mouse-Cop Poisoned Mouse Seed
1222	CBT	12.	New Power General Insecticide—Space & Contact Spray
1337	PIE	13.	Pied Piper Insecticide
1341	BEA	14.	Beacon Mouse Killer contains Strychnine
1420	DUQ	15.	Du Pont Ammate X Weed and Brush Killer
1548	CAR	16.	Noranda Brand Copper Sulphate Crystals
1745	CBT	17.	New Power Insecticide Powder contains Chlordane
1757	SWH	18.	Swish Cockroach Surface Insecticide
1787	SEA	19.	Atomik 2,4-D Liquid Amine Weed Killer
1820	JBD	20.	Weedanol 2,4-D Liquid Lawn Weed Killer
1862	EAN	21.	Eaton's 2,4-D Weed Killer (Amine Salt)
1872	DUQ	22.	Du Pont Fermate Ferbam Fungicide
1981	GCP	23.	Green Cross 76% Wettable Karbam Ferbam Black Fungicide
2150	NOX	24.	Noxall Slugo Metaldehyde Bait
2238	CHP	25.	Chipman 2,4-D Amine 80 Liquid Weedkiller
2269	CHP	26.	Chipman Ferbam Dust Fungicide
2441	ROH	27.	Dithane Z-78 W.P. Zineb Agricultural Fungicide
2503	GCP	28.	Green Cross Warble Powder—5% Rotenone
2592	RIA	29.	Riess 2% Chlordane Surface Spray Insecticide
2632	JBD	30.	Weedanol 2,4-D Amine 80
2687	DOW	31.	Formula 40 Liquid Farm Weedkiller
2760	PLG	32.	Pest Clor 40W 40% Technical Chlordane



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
2766	GCP	33.	Green Cross Ferbam Karbam Black Dust Fungicide
2791	PLG	34.	Slug-Em Bait contains Metaldehyde
2833	GCP	35.	Green Cross 40% Technical Chlordane Emulsion
2851	LAT	36.	Later's Weed Killer 2,4-D Amine Liquid
2915	CHV	37.	Orthorix Spray Superior Lime-Sulphur Formulation
2936	GEI	38.	Rex Mouse-Tox contains Strychnine
3063	CHP	39.	Warbicide 5 Rotenone Insecticide
3082	DOW	40.	Dow Sodium TCA 95%—Grass and Conifer Killer
3170	VAR	41.	Cypro Emulsion Concentrate
3186	GCP	42.	Green Cross Amine 80 Liquid 2,4-D Weed Killer
3215	PIE	43.	Pied Piper Dog Shampoo contains Chlordane
3277	PIE	44.	Pied Piper Insecticide 2% Technical Chlordane
3282	GCP	45.	Green Cross Residual Household Spray
3298	GCP	46.	Green Cross Rotenone 5% for Warble Fly Control
3323	NIB	47.	Niagara Ferbam Wettable Powder Fungicide
3384	CHP	48.	Chipman TCA, 95% Sodium Salt, Grass Killer Powder
3413	PIE	49.	Pied Piper Kwik-Kill Mouse Seed
3453	MBE	50.	Cryolex Marquette Insecticide
3465	BIE	51.	Bikoe 2% Chlordane Residual Insect Spray
3479	GCP	52.	Green Cross Ant and Grub Killer (5% Chlordane Dust)
3517	ALS	53.	No-Weed 2,4-D Amine 80 Liquid Weed Killer
3518	LAT	54.	Later's 5% Chlordane Dust
3541	CBT	55.	New Power Residual Spray Containing Chlordane and Lindane
3608	TEI	56.	Nevarot Water Repellent Wood Preservative
3645	KEM	57.	Ded-Rat Rodenticide (containing Warfarin)
3676	INT	58.	Co-op 2,4-D Amine 80 oz. Liquid Weed Killer
3713	BRG	59.	Fairview Warfarin Rat Poison
3721	GCP	60.	Green Cross Livestock Bomb
3763	SAR	61.	Sarm 0.5% Warfarin Rat Poison Concentrate
3777	LAT	62.	Later's Zineb Dust—Organic Fungicide
3780	CHV	63.	Orthocide 50 Wettable Powder Fungicide contains Captan
3784	NIB	64.	Ziram Wettable Powder Fungicide
3794	PLG	65.	No Damp for Damping Off Diseases in Seedlings & Cuttings
3846	MBY	66.	Merfusan Mercury Bichloride—Calomel Preparation
3856	PEM	67.	Pestroy Residual Insecticide contains Chlordane
3884	CAX	68.	Brassicol Soil Disinfectant contains Quintozene
3913	CHP	69.	Chipman Cucurbit Dust Insecticide—Fungicide
3927	AMC	70.	Weedar 80 2,4-D Amine Liquid Weed Killer
3933	KEM	71.	Riddex Seventy Concentrated Insecticide
3937	WIL	72.	Wilson's .5% Warfarin Concentrate
3953	GCP	73.	Green Cross Thiogreen Dust Fungicide 3.9% Zineb
3955	CHV	74.	Ortho Tomato and Vegetable Dust Insecticide-Fungicide
3956	PIO	75.	Pioneer Liquid Weed Killer 2,4-D Amine 80
3960	NIB	76.	Methoxychlor 50 W.P. Insecticide
4025	SAR	77.	Sarm Amine 2,4-D 80 Liquid Weedkiller
4058	CHV	78.	Ortho-Klor Chlordane Dust Insecticide
4067	CHP	79.	Methoxone Sodium 48, MCPA Liquid Weedkiller
4084	NIB	80.	Kolo-100 Fungicide contains Sulphur and Dichlone
4132	CHV	81.	Ortho-Klor 44 Chlordane Spray Insecticide
4138	DUQ	82.	Manzate Maneb Fungicide
4155	WIL	83.	Wilson's 2,4-D Amine Liquid Weedkiller
4159	SIR	84.	Lindane 5%
4220	PRX	85.	Protex Insecticide Chlordane 2%
4235	SAA	86.	Triplex Residual Insecticide
4253	NIB	87.	Weedaway Liquid Lawn Weedkiller
4272	NIB	88.	Rotenone 5 W.P. Insecticide
4282	GCP	89.	Green Cross 50% Malathion Emulsifiable Concentrate
4291	NIB	90.	Amsol 80 Liquid Herbicide contains 2,4-D Amines
4294	GCP	91.	Green Cross TCA Herbicide

PEST  
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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
4297	CHP	92.	Herbate Amine 20-2,4-D Liquid Lawn Weedkiller
4337	CHP	93.	Methoxone Amine 64 MCPA Liquid Weedkiller
4343	GCP	94.	Green Cross MCPA Sodium Salt 48 Weed Killer
4381	CAA	95.	Lindane 5% Emulsion Concentre Cadillac
4397	WIP	96.	Ban-A-Bug Chlordane Residual Spray
4478	NIB	97.	Malathion 25 Wettable Powder Insecticide
4484	CHV	98.	Orthocide 75 Seed Protectant
4504	STF	99.	Cythion 5-E Premium Grade Malthion Back Rubber Conc.
4527	NIB	100.	Rat and Mouse Killer containing water-soluble Warfarin
4559	STF	101.	Captan 50-W Fungicide Powder
4590	CYC	102.	Malathion 50% Emulsifiable Liquid Insecticide
4638	PLG	103.	Plant Products Malathion 50% Emulsifiable Concentrate
4657	NIB	104.	Niagara Malathion 5 E.C. Insecticide
4661	MBE	105.	Poison à Souris Marquette
4669	ROG	106.	High Level TCA Couch grass Killer Soluble Pellets
4709	PFF	107.	Calsa 50% Malathion Emulsifiable Concentrate
4741	INT	108.	Co-op MCPA Amine 64 Liquid Weed Killer
4764	TUC	109.	Florbait Fly Killer contains Dichlorvos
4769	GCP	110.	Green Cross 25% Malathion Wettable Powder
4775	RAW	111.	Rawleigh Aerosol Household Insecticide
4779	WHL	112.	Hydrol—To be used as a litter spray and insecticide
4791	RAL	113.	Purina Horse and Livestock Spray Concentrate
4837	MBB	114.	Red Devil Dry Weed Killer
4860	CHP	115.	Chipman Malathion 50 Emulsifiable Concentrate
4863	INT	116.	Co-op Warble Powder
4864	CHP	117.	Chipman 25% Malathion Wettable Powder Insecticide
4878	LAT	118.	Later's Methoxychlor 50 Wettable Powder
4883	BEA	119.	Beacon Warfarin Concentrate, Rat & Mouse Killer
4916	AMC	120.	Weedar MCP Concentrate
4918	ROH	121.	Dithane M-22 Agricultural Fungicide contains Maneb
4937	ALS	122.	No-Weed MCPA Amine 64 Weed Killer
4947	BRH	123.	"Weed-Bane Amine 80" Liquid 2,4-D Weed Killer
4958	BBE	124.	Bexco Grains Kills Mice contains Strychnine
4976	LED	125.	Leitte Pyrenone Emulsifiable Concentrate
4989	GAH	126.	"Arnold" Weed-O-Spray
5007	BIR	127.	Birch's 2% Chlordane Residual Spray
5011	INT	128.	Rat Killer Concentrate—contains Pindone
5054	DUQ	129.	Du Pont Marlata 50% Methoxychlor Insecticide
5056	DUQ	130.	Du Pont Marlata 2-MR Insecticide
5080	WIL	131.	Wilson's Water Soluble Warfarin
5095	GED	132.	Mitin F F High Conc
5125	CBL	133.	Cardel Roach and Ant Killer Residual Insecticide
5134	SIO	134.	Cross Country 2,4-D Amine Liquid Weed Killer
5139	CHV	135.	Orthocide Garden Fungicide contains 50% Captan
5141	CHV	136.	Ortho Malathion 50 Spray Insecticide
5168	PLG	137.	Plantco Mildew Dust contains 2% Dinocap
5204	MEC	138.	Agristrep Streptomycin Sulfate Agricultural Type A
5206	MBE	139.	Marquette 5% Chlordane Dust
5212	MBE	140.	Malathion 50% Emulsion Concentrate Insecticide
5239	MBE	141.	Mar-Cop 7 Fongicide
5276	BAT	142.	Bartlett Malathion W.P. 25%
5316	FIS	143.	Fisons Phenoxylyene Plus MCPA Selective Weedkiller
5323	DOW	144.	Dowpon, Wettable Powder Grass Killer with Dalapon
5334	ACM	145.	3 D Spray Chlordane Residual Insecticide
5339	OSD	146.	Pentox Primer Sealer Wood Preservative Clear
5362	SHL	147.	2,4-D Liquid Weedkiller Amine 80
5369	LAT	148.	Later's Cutworm Ant and Grub Killer
5371	LAT	149.	Later's Captan Fungicide 50W
5372	NIB	150.	Sodium TCA Herbicide Soluble Powder



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
5398	USB	151.	D-Bor Granular Non-Selective Weed Killing Compound
5408	NIB	152.	Ferbam 7 Dust Fungicide
5429	GAP	153.	Gardo No. 16 Fly Bait
5442	CHP	154.	Chipman 7.5% Captan Dust Fungicide
5449	KIN	155.	King Rose Gladiolus and Flower Dust or Spray
5457	GCP	156.	Green Cross Phygon XL (Dichlone 50%) Wettable Powder
5460	INT	157.	Co-op MCPA Sodium Salt 48 Liquid Weed Killer
5488	WIL	158.	Wilson's 50% Captan Fungicide
5498	PFF	159.	Calsa Alanap-3 a Selective Pre-Emergence Herbicide
5508	LAT	160.	Later's M.C.P.A. Amine 64 Herbicide
5514	CAA	161.	Cadillac Malathion 50% Emulsion Concentrate
5639	WIL	162.	Wilson's Soil Sterilizer
5655	NIB	163.	Liquid Lime Sulphur Insecticide-Fungicide
5739	LAT	164.	Later's Slug Dust contains Metaldehyde
5745	CYC	165.	Amino Triazole Weedkiller contains Amitrole
5753	FED	166.	F.G.L. Rat—X Water Soluble Rat and Mouse Killer
5780	INT	167.	Co-op Flower & Garden Dust
5821	INT	168.	Co-op Malathion 50EC
5835	LOR	169.	Herbinox 2,4-D Amine Liquid—Herbicide a Gazon
5891	LOR	170.	Malathion 50E Lorrain Insecticide
5921	NIB	171.	Niagara Niacide M Fungicide Wettable Powder
5929	NIB	172.	Niagara Captan 7.5% Dust Fungicide
5931	PFF	173.	Calsa Amine Liquid 2,4-D Weed Killer
5937	MBY	174.	Tropotox MCPB Sodium Salt Solution
5942	GCP	175.	Green Cross MCPA Amine 80 Weed Killer
5981	NAL	176.	National MCPA Amine Weed Killer
6006	NIB	177.	Alanap—3 Weedkiller contains Naphtalam
6017	CHG	178.	Dipterex Sugar Bait Fly Killer
6020	TUC	179.	Cowfly Powder contains Methoxychlor
6022	SAF	180.	50M Emulsifiable Concentrate Insecticide
6024	SAF	181.	No. 2 Chlordane Insecticide
6028	NIB	182.	Phygon 50 Dichlone Wettable Powder Fungicide
6047	ALS	183.	No-Weed MCPA Amine 80 Weed Killer
6094	RIE	184.	Riess Vermin Killer 2% Chlordane Surface Spray
6117	DOW	185.	MCPA Amine 64 Liquid Farm Weedkiller
6192	GCP	186.	Green Cross Multi-Purpose Flower and Vegetable Dust
6222	TUC	187.	Stok Pest Powder contains Lindane
6224	TUC	188.	Stok Pest Louse Spray Concentrate
6260	RAL	189.	Purina Malathion Spray
6274	PFF	190.	Calsa Amine M.C.P.A. Weedkiller
6298	LAT	191.	Later's Garden Fungicide
6318	DOW	192.	Sodium TCA Solution Grass Killer
6335	LAT	193.	Later's Lime Sulphur
6339	CHV	194.	Ortho Liquid Crab Grass Killer contains AMA
6373	SHL	195.	Shell MCPA Weedkiller Amine 80
6375	SHL	196.	2,4-D Weedkiller Amine 96
6410	LIE	197.	Tim-Ber-Lox Green Wood Preservative
6437	CHP	198.	Phygon—XL Wettable Powder Fungicide
6453	STF	199.	Vapam Soil Fumigant contains Metam Sodium
6475	STF	200.	Cythion 25-WP Premium Grade Malathion
6502	BRG	201.	Fairview 50% Malathion Emulsifiable Concentrate
6525	RAW	202.	Rawleigh Rat and Mouse Killer
6530	MBE	203.	Marquette Amine 2,4-D—Herbicide Selectif Liquide
6549	PLG	204.	Pest Clor Liquid 45 (formulated with Chlordane)
6583	BRG	205.	Fairview Water Soluble Warfarin Rat and Mouse Killer
6630	DOW	206.	Korlan 24E Insecticide
6639	RAL	207.	Hog and Cattle Dusting Powder
6679	CHV	208.	Ortho Ant Roach Bomb
6702	BAT	209.	Bartlett Phygon XL Dichlone Wettable Powder



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
6713	LAT	210.	Later's Malathion 500 E.C.
6721	SCL	211.	Rax Rodent Killing Powder contains Pindone
6731	CHG	212.	Dyrene 50% Wettable Powder Foliage Fungicide
6733	NIB	213.	Slug Bait Pellets Kill Slugs and Snails
6745	PSA	214.	"Reel" Chlordane Insecticide
6754	MBE	215.	Marquette Poudre Zineb 3.9% Dust Fungicide
6757	REC	216.	Record's Creosote Wood Preservation Liquid
6763	NIB	217.	Niagara Methoxol Emulsifiable Concentrate Insecticide
6767	CHV	218.	Orthocide 75 Seed Protectant (Dry)
6797	WIL	219.	Wilson's Ant and Grub Killer contains 50% Chlordane
6839	UAJ	220.	Crag Sevin 50W (Carbaryl) Wettable Powder Insecticide
6850	NIB	221.	Niagara Tedion 1 EC Miticide contains Tetradifon
6860	DUH	222.	Duphar Tedion V 18 Extra Smoke Generator Insecticide
6878	LET	223.	Borerkil contains BHC
6888	CLA	224.	Methar Liquid Crabgrass Killer Disodium Methylarsonate
6890	CLA	225.	Methar Powder Crabgrass Killer
6908	AMC	226.	Amchem Rootone with Fungicide
6910	WIL	227.	Wilson's Tomato and Vegetable Dust
6916	LAT	228.	Later's Slug Bait—contains Metaldehyde
6921	MAZ	229.	Poison a Souris Marc-O (Marc-O Mice Killer)
6930	NIB	230.	Niagara Mouse Feast—contains Strychnine
6936	LAT	231.	Later's Slug and Snail Killer #50
6937	TUC	232.	Acti-Dione P.M. Flower Fungicide
6948	LAT	233.	Later's Pentachlorophenol Wood Preservative
6952	LAT	234.	Later's Earwig Bait
6954	LAT	235.	Later's Weevil Bait
6962	UAJ	236.	Crag Glyodin Solution Protective Fungicide
6970	GAH	237.	"Arnold" Malathionspray
6977	CHV	238.	Orthocide 65 Seed Protectant
6984	MOB	239.	Pentanol Clear Fungicide
6998	LAT	240.	Later's Formalin Fungicide Solution for Seed Treatment
7028	MBE	241.	Herbicide Marquette 2,4-D Amine 80
7029	MBE	242.	Marquette MCPA Amine 64 Herbicide
7030	NIB	243.	Ethion 5 Granular Insecticide
7033	PLG	244.	Liquid Super Sodar Crabgrass Killer
7037	PFF	245.	Calsa Weed Bane Amine 2,4-D Weed Killer
7046	MOL	246.	Vegadex Emulsifiable concentrate
7052	NIB	247.	Thiodan 3 Dust Insecticide with Endosulfan
7058	FIS	248.	Fisons Diazinon 5% Granular Insecticide
7060	STF	249.	Eptam 7.2—E Selective Herbicide
7062	STF	250.	Eptam 5 G
7064	NIB	251.	Niagara Dalapon Grasskiller Soluble Powder
7076	PEI	252.	Ryanicide 50 W.P. Micro-Milled
7080	MBE	253.	Marquette Cucurbit Dust Insecticide-Fungicide
7088	NIB	254.	Amine 80 Brushkiller 1:1 Liquid Herbicide
7108	ALS	255.	No-Weed MCPA Sodium Salt 48 Weed Killer
7113	AMC	256.	Weedone 2,4-D Weed Killer 638
7121	CHG	257.	Dylox 50% Soluble Powder Insecticide
7131	HOS	258.	1-18 Solignum Hydro Creosote Wood Preservative
7137	REC	259.	Nero Insect Repellent
7162	AMC	260.	Amitrol-T Liquid Amitrole Weedkiller
7192	CHV	261.	Ortho Phaltan 50 Wettable Powder Fungicide
7211	PIT	262.	Dane Chlordane Insecticide Emulsifiable Concentrate
7216	WIL	263.	Wilson's All Purpose Fungicide
7228	STM	264.	Coppertex Preservative Solution
7251	OLC	265.	Olin—Quintozene (Terraclor) 75% Wettable Powder
7264	CHV	266.	Ortho Home Orchard Spray
7270	DUR	267.	Dural's Wood Preservative
7271	CHV	268.	Orthocide 75-1 Seed Protectant

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
7315	CYC	269.	Cyprex Dodine 65-W Fungicide
7319	AVM	270.	Avmor-Kil Residual Industrial Insecticide
7331	GUF	271.	Carbyne Wild Oat Herbicide
7335	NIB	272.	Niagara Liquid Crabgrass Killer
7363	MBY	273.	Compitox Mecoprop Potassium Salt Solution Weedkiller
7376	HYD	274.	Bugonex House Plant Bug Killer Spray
7378	HYD	275.	Bugonex Rose and Plant Bug Killer Spray
7380	HYD	276.	Bugonex African Violet Bug Spray
7386	WIL	277.	Wilson's Dormant Spray Liquid Lime Sulphur
7426	NIB	278.	Tedion WP Miticide contains Tetradifon
7430	INT	279.	Co-op Rat Killer—Ready to Use contains Pindone
7434	CHG	280.	Co-Ral 0.5% Dust Animal Insecticide
7446	UAJ	281.	Crag Sevin 85W (Carbaryl) Sprayable Powder Insecticide
7456	NIB	282.	Malathion 50 Spray Insecticide
7480	STF	283.	Folpet (Phaltan) 50-W Fungicide
7482	STF	284.	Folpet (Phaltan) 75-W Fungicide
7510	NIB	285.	Ethion Superior Oil 90 Emulsifiable Insecticide
7512	DUH	286.	Duphar Tedion V 18 Smoke Generator Miticide
7545	RAW	287.	Rawleigh Roach and Ant Killer
7558	FLR	288.	Florex A Space and Contact Insecticide
7559	AMC	289.	Amizol Soluble Powder Weed Killer
7560	FLR	290.	Florex Fly Spray for Farms & Cattle
7572	INT	291.	Co-op Dalapon Grass Killer
7615	SHW	292.	Kem Wood Penta Sealer-Preservative (Clear) No. 453
7616	NIM	293.	Garbo's for Garbage Cans
7624	NIB	294.	Niagara Thiodan 2 Zineb 5 Dust Insecticide-Fungicide
7633	CLA	295.	Super Methar—Liquid Crabgrass Killer
7635	BAP	296.	36-105 Clear Liquid Wood Preservative
7639	CHP	297.	Reglone contains diquat, a liquid herbicide
7647	CHG	298.	Dylox 5% Granular Crop Insecticide
7648	RAL	299.	Purina Rat Kill
7667	RAL	300.	Fly Bait (Dry Killer) contains Dichlorvos
7671	JOH	301.	Raid Pressurized Ant and Roach Killer with Chlordane
7674	CHV	302.	Ortho Fly Killer D Emulsifiable Concentrate
7678	GCP	303.	Green Cross Dog Flea Powder containing Coumaphos
7687	LAT	304.	Later's Dalapon Wettable Powder Grass Killer
7695	PEN	305.	Pestroy Stored Products Insecticide
7697	CYC	306.	Amitrole 90 Weedkiller
7698	LAT	307.	Later's Chlordane 500 E.C. Insect Spray
7715	PLG	308.	Skoot Repellent for Rabbits, Mice and Deer
7717	BAT	309.	Bartlett Thiram Repellent
7727	ALS	310.	Calmix Maintenance Weed and Grass Killer
7739	NOZ	311.	Custom Grade Guard Insect Repellent
7741	NOZ	312.	Custom Grade Guard Extra Strength Insect Repellent
7743	AMC	313.	Amiben Liquid Pre-emergent Herbicide
7753	PFF	314.	Calso Amine 80 Liquid 2,4-D Weed Killer
7754	INT	315.	Co-op Rose Dust or Spray
7757	NIB	316.	Sevin 50 W.P. Insecticide contains Carbaryl
7761	ALS	317.	Calmix Hoe Down Quack and Broadleaf Weed Killer
7768	INT	318.	Co-op Barn Spray and Backrubber Concentrate
7814	GAP	319.	Gardo No. 28 Stock Fly Powder
7819	GCP	320.	Green Cross 5% Sevin 7% Copper Dust
7829	FIS	321.	Fisons Simazine 4G (4% Granular) Herbicide
7835	HEC	322.	"Atra-Pell", Soil Sterilant Granules
7839	BRT	323.	Brookdale-Kingway's Kurall Insecticide-Fungicide
7855	ABE	324.	Waco Chlordane #2 Residual Insecticide
7857	ABE	325.	Waco Dia-One-Insecticide Spray
7859	CHP	326.	Chipman MCP Butyric 64 Weedkiller
7873	MUL	327.	Muskol Insect Repellent
7876	CHG	328.	Dyrene 50% Wettable Powder Turf Fungicide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
7880	CHG	329.	Meta-Systox-R 5% Granular Systemic Insecticide
7891	NIB	330.	Solan 4 EC Weedkiller
7893	CYC	331.	Cytrol—Amitrol-T Liquid Weedkiller
7917	FIS	332.	Primatol Ap 5:5 Brand of Atrazine 5:5 Granular Herbicide
7921	CHP	333.	Chipman 74% Soluble Powder Herbicide
7944	HYD	334.	Bugonex Malathion Bug Killer Liquid Concentrate
7952	CHG	335.	Bay 29493 3% Dust Ornamental Insecticide
8042	GCP	336.	Green Cross Sevin 50% Insecticide WP
8043	DOW	337.	Ruelene 25 E Pour On Cattle Insecticide
8046	NIB	338.	Rodent Repellent
8075	NIB	339.	Captan 50 Fungicide Spray Wettable Powder
8077	CHV	340.	Ortho Greenhouse Dibrom Insecticide
8103	CAO	341.	Bulldog Grip Clear Wood Preservative
8108	LAT	342.	Later's Liquid Polysul—Superior Lime Sulphur
8125	NIB	343.	MCP 80 Amine Weedkiller containing MCPA
8127	NIB	344.	Ethion 2,7 Dormant Oil Emulsifiable Insecticide
8140	LAT	345.	Later's Onion Maggot Granules
8144	LAT	346.	Later's 15% Zineb Dust Fungicide
8151	UAJ	347.	Crag Sevin 80S
8156	NIB	348.	Zineb 15 Mushroom Dust Fungicide
8159	CHP	349.	Chipman Lawn Weedkiller
8166	CHG	350.	Co-Ral Neguvon Pressurized Spray
8167	MOL	351.	Avadex BW (Triallate Selective Herbicide)
8168	CHD	352.	Pol-Nu Pak Ground Line Pole Treatment Bandage
8169	GRA	353.	Meta Slug Pellets
8170	CHD	354.	Pol-Nu Penta Preservative Grease
8171	NIB	355.	Mecoturf 48 Liquid Weedkiller
8174	DUQ	356.	Du Pont Arasan 42S Thiram Fungicide and Repellent
8184	CHP	357.	Sevin 85W, Sprayable Powder Insecticide
8197	MOL	358.	Vegedex Granular Selective Herbicide
8211	MBY	359.	Tropotox Plus-64 MCPB/MCPA Sodium Salts
8223	BAZ	360.	Basfapon contains Spray Dried Wettable Dalapon
8241	LIB	361.	Tim-Ber-Lox Fungicided Wood Preservative
8253	DOW	362.	MCPA Sodium Salt 48 Farm Weedkiller Solution
8279	TUC	363.	Barnfly Spray Residual Concentrate
8287	LUC	364.	Du Pont Lorox Linuron Weed Killer
8289	HOO	365.	Pentac WP Miticide
8325	CHP	366.	Kelthane 3% Dust Miticide
8342	CHP	367.	Thiodan 3% Dust
8350	CHG	368.	Dexon—Terraclor 5-5 Granular Soil Fungicide
8352	CHG	369.	Dexon 5% Granular Soil Fungicide
8354	KIN	370.	King Fruit Tree Spray Powder Insecticide Fungicide
8370	SHL	371.	Vapona Insecticide Livestock Spray
8371	FIS	372.	Fisons Rogor "40" Emulsifiable Liquid
8373	ALS	373.	ACS Grass Killer (Sodium TCA 94%)
8380	HAU	374.	Hartz Mountain Bird Defender
8393	STF	375.	Tillam 7.2E Selective Herbicide
8401	DOW	376.	Dairy Barn and Livestock Spray Insecticide
8404	DOO	377.	C.C.C. Pentol—5% Technical Pentachlorophenol
8406	DOO	378.	C.C.C. Cresosote Oil—97%
8418	WHL	379.	Cresanol—20 Tar acid Disinfectant
8419	LAT	380.	Later's Pyrethrum Emulsifiable Concentrate
8443	CHP	381.	Chipman Maneb-Endosulfan Dust Insecticide-Fungicide
8445	ABE	382.	Waco .5% Lindane Residual Solution
8455	NIB	383.	Gardenall Garden Dust-Kills Insects, Controls Diseases
8466	MBE	384.	Marquette Insecticide et Fongicide
8469	INT	385.	Co-op Liquid Lawn Weed Killer
8480	INT	386.	Co-op Malathion Insect Spray
8491	UAF	387.	"Summit" 2,4-D Amine 80 oz. Weed Killer



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8500	STF	388.	Captan 65 Seed Protectant
8505	UAF	389.	"Summit" MCPA Amine 64 Weed Killer
8507	UAF	390.	"Summit" MCPA Amine 80 oz. Weed Killer
8524	INT	391.	Co-op Premium Lawn Weed Killer
8548	MBE	392.	Marquette Vapona Fly Bait
8556	ROH	393.	Dithane M-45 Agricultural Fungicide
8567	CYC	394.	Cygon 2-E Emulsifiable Concentrate Insecticide
8570	NIB	395.	Polyram 80 W Fungicide
8573	NAA	396.	Era Insecticide for resistant roaches
8580	WAK	397.	Watkins Fly Bait Containing Dichlorvos
8582	FIS	398.	Hopper-Tox "64" Dimethoate Insecticide
8584	GCP	399.	Green Cross DDVP Malathion Fly Killer
8588	CHG	400.	Morestan 25% Wettable Powder
8592	GEN	401.	Cuproid No. 3, Wood Preservative
8593	MBY	402.	Super Compitox Liquid Lawn Weedkiller
8595	MBY	403.	Compitox Plus Mecoprop/2,4-D Liquid Weedkiller
8600	GEN	404.	Cuproid No. 2, Wood Preservative
8620	BAT	405.	Bartlett Methoxychlor 50% W.P. Insecticide
8624	ABE	406.	Waco 500M Malathion Emulsifiable Concentrate
8643	BRG	407.	Fairview Weed Cop MCPA Amine 80 Weed Killer
8644	TUC	408.	Flymore Premium Fly Spray
8652	CHD	409.	Pol-Kap Grease—Wood Preservative
8678	WIL	410.	Wilson's Prolin Rat and Mouse Killer
8699	WIL	411.	Wilson's Prolin Concentrate
8701	ROH	412.	Stan F-34 Post-Emergence Herbicide
8746	TUC	413.	Botran 50W Fungicide contains Dichloran
8751	PLA	414.	Dairy-eez Formula 3, Vapona Animal Spray
8768	CHG	415.	Baygon 2% Roach Bait Insecticide
8770	CHG	416.	Baygon Spray Concentrate Insecticide
8772	TUC	417.	Botran 75W Fungicide contains Dichloran
8775	PLG	418.	Plant-Fume Smoke Fumigator contains Dichlorvos
8781	SHL	419.	Vapona Insecticide Fogging Solution
8793	NIB	420.	Liquid Wonder Weeder for Deluxe Lawns
8798	SIO	421.	Cross Country Malathion 50 Spray Insecticide
8800	SIO	422.	Cross Country Chickweed and Clover Killer
8804	USB	423.	Tim-Bor Tim-Bor A Soluble Powder
8808	CHG	424.	Dyrene Lawn Fungicide WP
8810	NIB	425.	Amsol 96 Liquid Herbicide contains 2,4-D Amine
8815	NIB	426.	Dormant Oil Spray containing Ethion
8817	NIB	427.	Zineb 75 W Fungicide
8819	CHP	428.	Chipman Slug Killer Pellets, contains Metaldehyde
8827	NIB	429.	Kolo Fruit Spray contains Captan, Carbaryl, Tetradifon
8836	PRP	430.	Pres-sure Ant and Roach Residual Spray
8842	MBE	431.	Marquette Formaldehyde 37 Fungicide
8845	RAW	432.	Rawleigh Dichlorvos Cattle and Barn Spray
8849	RAW	433.	Rawleigh Dichlorvos Dry Fly Bait
8860	FIS	434.	Diazinon Garden Spray
8862	AMC	435.	Vegiben Liquid
8864	AMC	436.	Vegiben Granular Pre-emergent Herbicide
8871	AMC	437.	Amiben Granular
8905	WEA	438.	Weedex Grass Killer—A Wettable Powder with Dalapon
8911	NIB	439.	MCP 48 Sodium Salt Weedkiller
8920	FRD	440.	Bricon Backrubber Insecticide Concentrate
8923	GAP	441.	Gardo No. 34 Livestock and Barn Insecticide Spray
8925	NIB	442.	Afolan Brand Linuron 50 W Weedkiller
8933	GCP	443.	Green Cross Ammate X
8950	CHG	444.	Dylox Liquid Solution Ornamental Insecticide
8961	MBY	445.	Agritox MCPA Potassium Salt Selective Weedkiller
8971	LAT	446.	Later's Slug & Snail Killer

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8975	CHP	447.	Chipman Mecoprop Amine 64 Selective Weedkiller
8983	LAT	448.	Later's Weedall contains Mecoprop and 2,4-D
8988	VIT	449.	Lethalaire G-68 Aerosol Insecticide
8990	CHL	450.	25% Nemagon Granules Soil Fumigant
8991	NIB	451.	Pyramin 80W Pyrazin Selective Herbicide
8994	MCC	452.	McClelland's Back Rubber Concentrate contains Ronnel
9001	SAL	453.	Dr. Salsbury's Sevin Pest Spray Wettable Powder
9009	CHP	454.	Chipman MCPB Sodium plus MCPA Potassium
9017	SHL	455.	Shell MCPA Weedkiller Sodium Salt 48
9025	AMC	456.	Amitrol Pressurized Spray
9033	LAT	457.	Later's 2,4-D Amine 80—Selective Weed Killer
9034	LAT	458.	Later's 10% Methoxychlor Dust
9055	STF	459.	Betasan 7 Granular Herbicide
9057	STF	460.	Betasan 4-E Emulsifiable Herbicide
9064	LAT	461.	Later's Premium Stock Spray
9075	ALR	462.	Thiram M Thiram-Mercury Turf Fungicide
9082	DUQ	463.	Manzate D Maneb Fungicide
9094	RIA	464.	Riess Prolin Rat Killer Concentrate
9097	GAL	465.	Peak of the Market 3.5% Zineb Dust
9099	GCP	466.	Green Cross Complete Potato and Vegetable Dust
9103	WIL	467.	Wilson's Multi-Weeder, contains 2,4-D and Mecoprop
9110	HOS	468.	10-10 Super Solignum Clear Wood Preservative
9133	TUC	469.	Cowfly Spray and Backrubber Concentrate
9150	NAC	470.	National Chemsearch Turf-Cide Insecticide
9155	MBE	471.	Insecticide au D.D.V.P.
9158	FIS	472.	Fisons Chlorobenzilate 50E
9171	LAI	473.	Flomor Paraformaldehyde Pellets
9172	GCP	474.	Green Cross Sevin 50 W Insecticide
9177	CBE	475.	Canadian Tire Amine 40 2,4-D Liquid Weed Killer
9178	INT	476.	Co-op MCPA Amine 80 Liquid Weed Killer
9180	SHL	477.	Ciodrin Insecticide Back Rubber Solution
9182	SHL	478.	Ciodrin 20 Emulsible Concentrate Livestock Insecticide
9183	RAL	479.	Purina Dairy Spray Special Ready to use Oil Base
9184	ELA	480.	Greenfield Weed Preventer
9186	SHL	481.	Ciovap* Insecticide Livestock Spray
9191	GCP	482.	Green Cross Mecoprop Liquid Herbicide
9195	INT	483.	Co-op Fly Granules (contains Dichlorvos)
9207	LAT	484.	Later's Slug and Snail Killer Pellets
9210	CHP	485.	Chipman Garden Fungicide Wettable Powder
9213	JUD	486.	Killer Kane Jet Weedkiller Powder Pellets
9220	SIP	487.	Cross Country Slug and Snail Pellets
9224	GRO	488.	"Orchard" Lime Sulphur Solution
9232	NIB	489.	Mecoturf Plus 2,4-D Liquid Weedkiller
9243	GRA	490.	Greenleaf Lime Sulphur Solution
9245	NIB	491.	Systemic Cygon 2-E—Kills Garden Insects
9256	MBY	492.	Plano-tox-80 2,4-D Amine Solution Selective Weedkill
9257	LEA	493.	Elanco Treflan E.C. A Selective Weedkiller
9260	LAT	494.	Later's Premium Weed Killer
9270	MBE	495.	Marquette MCPA Sodium Salt 48 Herbicide
9274	MBE	496.	Marquette Fungicide and Insecticide Dust
9284	CHP	497.	Methoxone Amine 80 MCPA Liquid Weedkiller
9286	NAC	498.	Chemweed-265 Selective Weed Killer
9290	CBL	499.	Cardel Livestock Spray
9292	UNR	500.	Liquid Alanap Plus Weedkiller
9294	DUQ	501.	Du Pont Tupersan Siduron Weed Killer
9304	GCP	502.	Green Cross General Purpose Cattle Dust
9311	NIB	503.	Ethion Superior Oil 70 Emulsifiable Insecticide
9312	CHP	504.	Chipman Methoxychlor 50W Insecticide
9318	LAT	505.	Later's Zineb 80 W.P. Fungicide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9319	STF	506.	Captan 7.5 Dust Agricultural Fungicide
9350	GCP	507.	Green Cross Killex Chickweed and Clover Killer
9364	MAP	508.	Pre-San Emulsifiable Selective Herbicide
9383	SAN	509.	Sanfax Roach'N Ant Killer Liquid
9390	HFB	510.	Azak Selective Pre-Emergence Herbicide
9391	MON	511.	M.P. Liquid Insecticide
9394	GCP	512.	Green Cross Thiogreen W.P. Zineb 85% Wettable Powder
9396	STF	513.	Zineb 75-W Agricultural Fungicide
9399	CYC	514.	Abate 4E Emulsifiable Concentrate Insecticide
9400	CBR	515.	Formula CH-19 an Insecticide Fogging Solution
9401	CBR	516.	Formula GH-16 Insecticide Fogging Solution
9402	CBR	517.	Formula GH-18 Insecticide Fogging Solution
9405	CBR	518.	Formula GH-41 Fungicide Fogging Solution
9408	CHG	519.	Dylox-Meta-Systox-R Multi-Purpose Systemic Insecticide
9418	FIS	520.	Diazinon 5% Granular Lawn and Garden Insect Killer
9419	CHG	521.	Neguvon Pour-On Cattle Insecticide
9423	PLG	522.	Plant Fog Chlorobenzilate Thermal Fogging Solution
9434	CHG	523.	Neguvon 80% Soluble Powder Animal Insecticide
9436	CBR	524.	Formula GH-27 Insecticide Fogging Solution
9438	CBR	525.	Formula GH-33 Miticide Fogging Solution
9441	CHP	526.	Chipman Zineb-Endosulfan Fungicide-Insecticide Dust
9448	SHL	527.	Ciovop* Insecticide Back-Rubber Solution
9449	GEI	528.	Crawl-Tox Pressurized Residual Insecticide
9452	NIB	529.	Niagara Pressurized Spray Patio Grass and Weed Killer
9453	GEI	530.	Crawl-Tox Liquid Residual Insecticide
9457	CHP	531.	Weedrite Paraquat and Diquat Granules
9459	SAN	532.	Sanfax Insecto Jet—Stream Killer
9465	CHV	533.	Ortho Super Weed-B-Gon Spray
9473	SHL	534.	Vapona Insecticide Scatter Bait
9477	ECK	535.	Main Line Gopher Getter Bait
9484	JOH	536.	Raid Buggy Whip Residual Insecticide—Pressurized
9492	MBE	537.	Marquette Sevin 50% Insecticide Wettable Powder
9494	MBE	538.	Marquette 40% Chlordane Emulsion Concentree
9498	CHG	539.	Morestan 2% Dust Miticide—Insecticide-Fungicide
9509	GCP	540.	Tenoran 50% WP Herbicide
9512	CHP	541.	Reglone A contains diquat, aquatic herbicide
9513	WIL	542.	Wilson's 5% Chlordane Dust Insecticide
9516	PFF	543.	Pfizer MCPA Amine 80 Liquid Farm Weed Killer
9520	DIT	544.	Diazinon 2D—2% Dust for Cockroach Control
9523	NIB	545.	Polyram 7 Dust Fungicide
9528	DOW	546.	2,4-D Amine 80 Liquid Farm Weed Killer
9535	REC	547.	Penta-Phenol Paintable Wood Preservative
9537	INT	548.	Co-op Fruit and Shrub W.P.
9547	PFF	549.	Pfizer 2,4-D Amine 80 Liquid Farm Weed Killer
9552	JUD	550.	Killer Kane Kartridges for Broadleaf Weeds
9554	LAT	551.	Later's Liquid Mecoprop Selective Weed Killer
9555	PLG	552.	Plantco Miticide-Fungicide-Insecticide Dust
9558	CHP	553.	Chipman Greenhouse Dust
9578	MET	554.	Metasol Thiram-Mercury Turf Fungicide Powder
9582	STF	555.	Captan 80-WP Fungicide
9584	MAP	556.	Calo-Gran Brand Mercurial Fungicide
9586	ALS	557.	ACS 74% Dalapon Grass Killer Soluble Powder
9602	MOL	558.	Ramrod 65 Wettable Powder Weedkiller
9603	GCP	559.	Green Cross Casoron Granular Herbicide
9613	LAT	560.	Later's Nemagon Emulsifiable Nematocide
9614	LAT	561.	Later's 25% Nemagon Granular Nematocide
9628	ORM	562.	Kennel Spray Pressurized Residual Insecticide
9631	GCP	563.	Patoran 50% W.P.—Selective Herbicide
9634	CHP	564.	Chipman Potato Seed Piece Dual Purpose Treatment Powder



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9636	NIB	565.	Pro-Turf Fungicide 50% W.P. contains Dyrene
9640	CYC	566.	Abate 1-G Granular Insecticide
9641	CYC	567.	Abate 2-G Granular Insecticide
9642	CYC	568.	Abate 5-G Granular Insecticide
9649	PLG	569.	Protexall Garden Dust Insecticide-Fungicide
9656	INT	570.	Co-op Slug Bait contains Metaldehyde
9660	STF	571.	Sevin 4 Flowable Insecticide
9661	NIB	572.	Liquid Chlordane 40 Spray Insecticide
9669	ROH	573.	Dithane M-22 Special W.P. Maneb Agricultural Fungicide
9675	PIJ	574.	TCA Couch Grass Control Soluble Powder
9690	INT	575.	Co-op Rat Killer Pellets contains Pindone
9691	STF	576.	Captan SP 4 Flowable Seed Protectant Agricultural Fungicide
9697	INT	577.	Co-op Water Soluble Rat and Mouse Killer contains Warfarin
9704	LAT	578.	Later's Rose Dust—Insecticide-Fungicide
9706	LAT	579.	Later's Bulb Planting Dust with Chlordane and Captan
9707	LAT	580.	Later's Golden Garden Dust—Combination Insecticide-Fungicide
9712	DIT	581.	Warfarin Powder Concentrate
9717	PLG	582.	Protexall Garden Spray
9724	PLG	583.	Plantco 7.5% Captan Greenhouse Fungicide Dust
9726	CHV	584.	Isotox Insecticide-Miticide Garden Spray
9727	PLG	585.	Plantco 3.9% Zineb Greenhouse Fungicide Dust
9737	NIB	586.	Pomogreen Liquid Rose Spray
9738	STF	587.	Imidan 50-WP Insecticide
9746	NIB	588.	Onion Maggot Killer Granular Insecticide-Fungicide
9750	ABE	589.	46% Chlordane Emulsifiable Concentrate Insecticide
9751	GEI	590.	Garden—Tox Insect Spray
9755	GEI	591.	Garden—Tox Lawn and Garden Insect Control
9759	SCO	592.	Ratox 0.5% Appat a la Warfine concentree 0.5%
9762	NIB	593.	Polyram-Diazinon Dust Fungicide-Insecticide
9765	CHP	594.	Chipman Captan-Methoxychlor 75-3 Seed Protectant
9772	INT	595.	Co-op Warble Killer (Ruelene 25E)
9774	REC	596.	Record's Cresozene (contains 17% Cresylic Acid)
9777	NAL	597.	2,4-D Amine Liquid Weed Killer
9800	MBE	598.	Primo Livestock Spray Insecticide
9801	WIL	599.	Wilson's 2E Liquid Systemic Insecticide
9806	MBE	600.	Marquette Granular Insecticide-Fungicide
9809	NIB	601.	Ant and Grub Killer
9811	GCP	602.	Killex Turf Herbicide Liquid (Double Strength)
9812	SAN	603.	Super Sanfax Insecticide Concentrate
9818	NIB	604.	Non-Mercury Seed Protectant Fungicide Powder
9821	LAT	605.	Later's Industrial 3% Chlordane Insect Spray
9823	LAT	606.	Later's Dodine 65W Fungicide
9824	ABE	607.	Waco 65-20 Mal-Thane Fogging Oil Concentrate
9827	CHG	608.	Dylox 80% Soluble Powder Insecticide
9840	DOW	609.	Dow Sodium TCA Inhibited Grass and Conifer Killer Pellets
9842	PLG	610.	Plantco Ornamental Miticide
9851	SUM	611.	Flora-Fog Vapona Greenhouse Fogging Solution Insecticide
9853	DOW	612.	MCPA Amine 80 Liquid Farm Weed Killer
9855	RIL	613.	Richardson's Bedbug Spray contains Lindane
9858	PFF	614.	Pfizer MCPA Sodium 48 Liquid Weed Kill
9863	NIB	615.	Patoran 50W Wettable Powder A Selective Herbicide
9874	SUM	616.	Flora-Fog Pentac Greenhouse Miticide Fogging Solution
9876	VEL	617.	Velsicol Chlordane 25% Granular Soil Insecticide
9878	GCP	618.	Green Cross 25% Chlordane Granular Insecticide
9888	CHV	619.	Ortho Bug-Geta 3% Metaldehyde Pellets
9892	MBE	620.	Marquette MCPA Liquid Weedkiller Amine 80
9898	INT	621.	Co-op Ciodrin-Vapona Livestock Spray for Fly Control
9899	INT	622.	Co-op Ciodrin-Vapona Backrubber Solution Insecticide

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9900	KEM	623.	Riddex 200 Fogging Insecticide Solution
9901	AMC	624.	Amchem Weedone Pre-Emergence Crabgrass Control Liquid
9903	AMC	625.	Super-D Liquid Weedone
9905	ALS	626.	ACS Grass Killer (Sodium TCA 90%) Granular
9906	AMC	627.	ACP Grass Killer (Sodium TCA 90%) Pellets
9909	AMC	628.	Liquid Amizine A General Weedkiller
9910	SHL	629.	Gardona Insecticide 75% Wettable Powder
9911	SHL	630.	Gardona Insecticide 20 Emulsible Concentrate
9917	CHP	631.	Chipman Livestock Spray Insecticide
9920	KEM	632.	Riddex Malathion 50 Emulsifiable Concentrate Insecticide
9921	STF	633.	Eptam 2.3 Granular For Weed Control
9922	STF	634.	Captan 4 Flowable, an Aqueous Suspension
9927	STF	635.	Vernam 7.2-E Selective Pre-Plant Herbicide
9933	CHD	636.	Permatox 100 Liquid Fungicide Concentrate
9936	HOL	637.	Holcomb Insectid—100 Residual Insecticide
9946	SAF	638.	Dyna-Fog M-L Liquid Insecticide Concentrate
9955	ROH	639.	TOK E-25 Emulsifiable Concentrate
9958	INT	640.	Co-op Garden Maggot Killer Granules
9959	SAM	641.	Lauren-Sect Insecticide a betail
9963	DIT	642.	Chlordane 40E Emulsifiable Liquid Insecticide
9975	DIT	643.	Malathion 50E Emulsifiable Liquid Insecticide
9976	NIB	644.	Dalapon 12.5 Granular Herbicide
9977	GCP	645.	Green Cross Weed-No-More Liquid Weed Killer
9978	GCP	646.	Green Cross Maggot Killer Granular Insecticide
9982	SHL	647.	Ravap Insecticide Emulsible Concentrate
9983	NIB	648.	Granular Garden Weed Preventer
9986	GCP	649.	Green Cross Fruit Tree and Garden Spray or Dust
9987	PLG	650.	Plant Fog D.D.V.P. Thermal Fogging Solution
9989	GCP	651.	Green Cross Liquid Crab Grass Killer
9990	MBE	652.	Marquette Ammate-X Herbicide
9995	SHL	653.	Vapona Insecticide Industrial Fogging Solution
9997	LEW	654.	Cattle Grub Spray Liquid Concentrate
10001	NIB	655.	Silvisar 510 Liquid Tree Killer
10002	GCP	656.	Green Cross Siaprit Potato Fungicide Wettable Powder
10003	GCP	657.	Green Cross 75% Captan—3% Methoxychlor
10014	GER	658.	Mercaptan Protectors for Livestock
10019	STF	659.	Sutan 7.2 E Selective Herbicide
10020	CHV	660.	Ortho Lawn Liquid Weed Killer
10023	WIL	661.	Wilson's Weed Preventer Granules
10024	KVL	662.	Malathion 50E Emulsifiable Liquid Insecticide
10038	GCP	663.	Green Cross Cygon 2E Emulsifiable Concentrate
10046	COQ	664.	Cooper Kilathion 50% Malathion Insecticide
10051	COQ	665.	Cooper Sugar Bait Fly Killer Granular
10061	DIT	666.	Sulfarin Rodenticide Powder Concentrate
10066	IMP	667.	Esso MCPA Amine-80 Liquid Weedkiller
10068	IMP	668.	Esso 2,4-D Amine-80 Liquid Weedkiller
10071	ELA	669.	Balan E.C. Bethrodine a Selective Weedkiller
10077	NIB	670.	Liquid Slug Killer Contains Metaldehyde
10083	PLG	671.	Plantco Pre-Emergent Granular Crabgrass Killer
10085	TUC	672.	Tuco Enide 50W Diphenamid
10091	KFL	673.	Hay Savor Liquid Preservative for Hay
10096	AMC	674.	Weedone Poison Ivy Killer Liquid
10099	AMC	675.	Liquid X-All General Weed Killer
10106	GAP	676.	Gardo No. 43 Divos Livestock Spray
10107	GAP	677.	Gardo No. 42 Dicyn Livestock Spray Insecticide
10110	SHL	678.	3% Ciodrin Insecticide Livestock Dusting Powder
10130	GCP	679.	Green Cross Potato Seed-Piece Dust
10131	KIN	680.	King Bug Killer Fly Spray containing Dichlorvos
10132	VAR	681.	Guardsman Malathion 50 E.C. Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10134	SAF	682.	Vamafog Insecticide Fogging Solution
10136	REC	683.	Record's Avenger Formula 4 K Liquid Insect Spray
10150	KEM	684.	Riddex DDVP—5 Industrial Fogging Insecticide Solution
10165	SAF	685.	1% Diazinon Insecticide Solution
10166	GCP	686.	Green Cross 2,4-D Amine 96 Weedkiller
10174	KEM	687.	Riddex 65-20 Fogging Insecticide Concentrate
10176	AMC	688.	Weedone Garden Weeder Granular
10178	STF	689.	Ro-Neet 7.2E Selective Pre-Plant Herbicide
10179	STF	690.	Ro-Neet 10 Granular Selective Pre-Plant Herbicide
10183	BAT	691.	Bartlett Dimethoate 40% Emulsifiable Insecticide
10184	OLH	692.	Ochemco 2,4-D Liquid Weed Killer Amine 80
10186	ROH	693.	Dithane M-45 Mancozeb Potato Seed-Piece Fungicide Dust
10226	LAT	694.	Later's Terrachlor 20% Dust—Fungicide
10233	CHG	695.	Baygon Liquid Concentrate Insecticide
10241	ABE	696.	Waco 25% Methoxychlor Emulsifiable Concentrate
10243	PLG	697.	Plantco Fungicide Dust
10245	CHP	698.	Chlorea D Granular Grass and Weed Killer
10246	SHL	699.	1% Vapona Insecticide Dust
10253	CBR	700.	Carmel Formula MU-8 an Insecticide Fogging Solution
10258	SAN	701.	Sanfax WK—245 Emulsifiable Liquid
10266	INT	702.	Co-op Ant and Roach Pressurized Residual Spray
10275	LEG	703.	Lepage's Water Repellent Wood Preservative
10278	CRL	704.	Flo-Glaze Wood Preservative Sealer M 411
10279	FAR	705.	Farnam Cy-Ban Ciodrin Insecticide
10292	DIT	706.	Pyratex RSC (Roach Spray Concentrate)
10294	NIB	707.	Granular Diazinon Maggot Killer for Vegetables
10299	CER	708.	D.P.-977 Emulsifiable Concentrate
10304	WIL	709.	Wilson's Slug Bait Pellets contains Metaldehyde
10305	PFF	710.	Agri-mycin 17 Agricultural Streptomycin
10307	HIL	711.	Hilo Kennel Spray contains Chlordane Insecticide
10308	MOL	712.	Avadex BW Granular Wild Oat Killer
10310	INT	713.	Co-op Stock Fly Powder
10314	NIB	714.	Tree and Shrub Spray Liquid Insecticide
10317	INV	715.	Preservatif Pour bois 5G-14 Velva-Glo Clear
10319	COP	716.	Federee Preservatif pour bois, G—14, 5% Clair
10320	LAV	717.	Laurentide Preservatif pour bois, clair G—14
10325	GCP	718.	Green Cross Killex Spot Weeder Pressurized Spray
10326	UNR	719.	Omite 30W Wettable Powder Miticide
10327	CHV	720.	Ortho Granular Weed Preventer with Trifluralin
10333	HIL	721.	Hilo Kiltix Emulsifiable Concentrate
10336	MBE	722.	Cygon 2-E Emulsifiable Concentrate
10337	CHP	723.	Cygon 2E Emulsifiable Concentrate
10344	CHV	724.	Ortho Scram Dog Repellent Bomb
10347	CHP	725.	Eptam Weed Preventer Granular
10348	CRL	726.	Flo-Glaze Fence and Shingle Stain White M-301
10349	CRL	727.	Crown Diamond Wood and Shingle Stain White and Deep Base
10350	CRL	728.	Flo-Glaze Wood Stain White Base M-101, Deep Base M-103
10353	MBE	729.	Marquette Dalapon Herbicide
10356	PLG	730.	Plant Fog Pentac Miticide Fogging Solution
10362	MBE	731.	Marquette Fungicide Captan 50
10366	PEQ	732.	Pes-San Roach and Ant Destroyer Solution contains Chlordane
10370	JUD	733.	Pill Kill Weed Killer
10376	VIN	734.	Vio Bin Black Farm Disinfectant Tar Acid Type
10379	SHL	735.	Vapona Insecticide No-Pest Aerosol
10380	GCP	736.	Liquid Livestock Insecticide Spray
10385	CBR	737.	Formula F-6 Emulsifiable Spray Insecticide
10387	INT	738.	Co-op Sevin 50 Wettable Powder Insecticide
10395	REC	739.	Record's Formula G Liquid Insect Spray
10397	PFF	740.	Calsa Methoxychlor 15% Emulsifiable Concentrate



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10399	PLG	741.	Hormono 80 Weedkiller Liquid—contains 2,4-D Amine
10400	REC	742.	Record's Formula 2G—Liquid Insect Spray
10401	AMC	743.	Weedar MCPA Amine 80 Liquid Herbicide
10404	HYD	744.	Dogonex Dog Repellent Outdoor Pressurized Spray
10410	KEM	745.	Dyco Residual Insecticide Solution
10413	NIB	746.	Tandex 4 Granular Herbicide
10414	STF	747.	Sutan-Atrazine 36-12 WP
10416	INT	748.	Co-op Potato Seed-Piece 8% Fungicide Dust
10417	KEM	749.	Rid-Weed Brush and Weed Killer Liquid
10419	MFC	750.	Mertect 160 Thiabendazole Wettable Powder Fungicide
10427	CBR	751.	Formula MU-14—An Insecticide Fogging Solution
10428	CBR	752.	Formula MU-15—An Insecticide Fogging Oil
10429	CBR	753.	Formula MU-16—An Insecticide Fogging Solution
10431	CBR	754.	Formula MU-17 Insecticide Fogging Oil Concentrate
10432	CBR	755.	Formula MU-20—Emulsifiable Concentrate
10437	JUD	756.	Fogger Fuel for Outdoor Insect Control
10445	CBR	757.	Formula MU-30 Insecticide Fogging Solution
10446	DUQ	758.	Du Pont Londax G Weed Killer
10447	DUQ	759.	Du Pont Londax Weed Killer
10448	WIL	760.	Wilson's Pressurized Repell—Dog Repellent
10450	DAL	761.	Flair Shampoo for Dogs and Cats
10451	MTC	762.	M. T. C. Pet Shampoo
10452	NIB	763.	Afolan Brand Linuron 7.5 Granular Herbicide
10454	PLG	764.	Plantco Sesone Weed Preventer contains Disul (Sodium)
10455	VAR	765.	Guardsman Dimethoate 40 Emulsifiable Concentrate
10460	NIB	766.	Liquid Clearit Vegetation Killer with Tandex
10465	PLG	767.	Plantco Sodium TCA Inhibited Pellets
10470	GCP	768.	Green Cross Glyodex 37-22 W. P. Fungicide
10474	CAX	769.	Nata (Sodium TCA) Herbicide
10481	GCP	770.	Green Cross 25% Methoxychlor Insecticide
10482	GCP	771.	Green Cross 15% Methoxychlor Insecticide Liquid
10483	AMC	772.	Weedar MCPA Sodium Salt 48 Liquid Herbicide
10486	CYC	773.	Abate 5 C Capsules for Mosquito Larvae Control
10488	GCP	774.	Green Cross Tomato and Potato Dust
10492	GCP	775.	Green Cross Alanap—3 Liquid Herbicide
10495	ROH	776.	Dikar Fungicide-Miticide Wettable Powder
10500	ROH	777.	TOK WP 50 Selective Post Emergent Herbicide
10511	NOX	778.	Noxal Dawgone Dog Repellent Dust
10513	AMC	779.	Amchem Ornamental Granular Weeder
10515	ABE	780.	Waco 15% Methoxychlor Insecticide Solution
10526	DUQ	781.	Du Pont Manzate 200 Mancozeb Fungicide
10533	NAC	782.	National Chemsearch Veg-Out-Non-Selective Weedkiller
10534	FLB	783.	Flintkote Wood Preservative Clear
10537	NIB	784.	Phaltan 7—Sevin 7 Dust Fungicide-Insecticide
10546	NIB	785.	Fixed Copper Dust Fungicide
10547	INL	786.	Thuricide 90 TS Microbial Insecticide
10556	FAR	787.	Farnam Stable-Spray Emulsifiable Fly-Killer
10566	CHP	788.	Deecop Potato, Tomato and Vegetable Dust
10571	GRA	789.	Shur-Kill Slug Pellets
10577	GCP	790.	Green Cross Captan 50% W.P. Fungicide
10579	CHP	791.	Chipman Ant and Grub Killer Dust
10585	KEM	792.	Riddex DDVP-10 Industrial Fogging Insecticide Solution
10588	SPA	793.	Spratt's E-ZEE Weed Liquid 2,4-D Amine
10590	CHP	794.	Chipman Lawn Weedkiller
10592	NIB	795.	White Latex Rodent Repellent
10593	GCP	796.	Green Cross Slug Destroyer Pellets
10594	SIO	797.	Cross Country Ant and Grub Killer Dust
10598	LAT	798.	Later's Mouse & Gopher Foe
10599	HOY	799.	Prist Pressurized Liquid

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10600	HOY	800.	Prist Liquid
10601	SIO	801.	Cygon 2-E Emulsifiable Concentrate
10602	INT	802.	Co-op Alfalfa Spray E.C. Insecticide
10603	CHP	803.	Chipman Methoxychlor Spray
10604	SIO	804.	Cross Country Grass and Weedkiller
10605	CHP	805.	Imidan Fruit Tree Insecticide Wettable Powder
10615	BEP	806.	Shield Insecticide Pressurized Spray
10617	CHD	807.	Chapman Timpreg B Pol-Mu Type Wood Preservative Grease
10619	KVL	808.	Sevin Poultry & Livestock Wettable Insecticide
10620	STF	809.	Sutan 5G A Selective Herbicide
10621	STF	810.	Sutan 10G A Selective Herbicide
10623	MCC	811.	McClelland Cattle Fly and Louse Powder
10626	CHP	812.	Chipman Soil and Bulb Dust Insecticide-Fungicide
10627	INT	813.	Co-op Weed Ban Herbicide Granules
10629	GCP	814.	Green Cross Granular Weed Preventer
10631	RUG	815.	Creso-Phil Disinfectant
10633	SAJ	816.	Sanitized (Brand) Van Interior Aerosol
10634	CHP	817.	Chipman Ferbam 95 Wettable Powder Fungicide
10636	DOW	818.	Dursban 2E Emulsifiable Insecticide
10638	DIT	819.	Chlordane 40W Wettable Powder Insecticide
10639	WIL	820.	Wilson's Garden Spray
10643	INT	821.	Co-op Potato-Tomato Insecticide-Fungicide Dust
10644	INT	822.	Co-op 5% Sevin 3.9% Zineb Insecticide-Fungicide Dust
10650	CHP	823.	Chipman Livestock Bomb Pressurized Spray Insecticide
10653	DIT	824.	Chlordane 5 D Dust Insecticide
10654	DIT	825.	Malathion 25W Wettable Powder Insecticide
10658	INT	826.	Co-op Ant, Grub and Cutworm Killer Granular Insecticide
10663	FED	827.	Federal Non-Mercury Seed Protectant Polyram Fungicide
10672	DOW	828.	Dursban T Emulsifiable Insecticide
10674	BAT	829.	Bartlett 95% Ferbam Wettable Powder Agricultural Fungicide
10675	WIL	830.	Wilson's Rose Dust
10677	PLG	831.	Plant Fog Dazinon Thermal Fogging Insecticide—Miticide
10679	DID	832.	Thera-Groom Pet Shampoo for Dogs
10680	TRM	833.	Repel-a-Cide Shampoo for Dogs
10681	GCP	834.	Green Cross Cutworm Dust or Spray
10682	UNR	835.	Vitavax Wettable Powder Non-Mercurial Seed Protectant
10687	WIL	836.	Wilson's Fruit Tree Spray or Dust
10688	TUC	837.	Stokfly Residual Spray
10689	KEL	838.	Kemin Grain Savor Liquid
10690	LAT	839.	Later's Methoxychlor 25% E.C. Insecticide
10692	GCP	840.	Green Cross Insect Powder <sup>1</sup>
10700	MBE	841.	Marquette Insecticide and Fongicide
10701	RIM	842.	Richcraft Brand Paintable Wood Preservative Rich-Pent
10705	MBE	843.	Formisol Insecticide sous Pression
10710	KIN	844.	King 5% Sevin and 7% Copper Dust
10711	KIN	845.	King Tomato, Potato and Vegetable Dust
10712	GEI	846.	Fly-Tox Insecticide Bloc
10715	CHP	847.	Chipman Chlordane Spray Concentrate Insecticide
10717	ABE	848.	35-15 Mal-Thox Fogging Oil Concentrate
10727	MBE	849.	Marquette Mar-Cop 775 Insecticide et Fongicide
10728	MBE	850.	Marquette Floral Insecticide et Fongicide
10730	MBE	851.	Herbicide Herbitex
10731	INT	852.	Co-op Sodium T.C.A. Grass Killer Pellets
10734	LAT	853.	Later's Flower and Garden Insect Spray
10736	DIT	854.	Warfarin SP. Soluble Powder Rodenticide
10742	LAT	855.	Later's Gard-N-Aid Rose Spray Insecticide-Fungicide
10743	LAT	856.	Later's Berry Spray Insecticide-Fungicide
10744	AMC	857.	Amchem Weedone Granular Pre-emergence Crabgrass Control
10745	LAT	858.	Later's Potato and Tomato Dust Insecticide-Fungicide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10749	MBE	859.	Marquette Insectex Poudre 10% Methoxychlore Insecticide
10750	MBE	860.	Marquette Methoxychlore 20% Emulsion Concentrée Insecticide
10757	LAT	861.	Later's Crawling Insect Killer Residual Spray
10758	LAT	862.	Later's Fruit Tree Spray Miticide-Insecticide
10759	BAT	863.	Bartlett Malathion 5 E.C. Emulsifiable Insecticide
10763	CRL	864.	Res-N-Stain Clear Wood Preservative
10764	CRL	865.	Res-N-Stain White and Deep Base
10765	CRL	866.	Res-N-Stain 8 Ready Mixed Colors
10779	REC	867.	Mira-Sol Liquid Deodorizer
10780	CHB	868.	Orthocide 80 Wettable Powder Fungicide
10787	REC	869.	Record's Formula 2G contains Methoxychlor
10788	GAL	870.	Peak of the Market Slug Bait
10789	INT	871.	Co-op 3.9% Zineb Fungicide Dust
10792	BEN	872.	Moorwood Clear Penta Wood Preservative
10793	TRO	873.	Trojan TRL-21 Residual Insecticide Spray
10794	TRO	874.	Trojan TRL-160 Fogging Insecticide Concentrate
10797	ROH	875.	TOK/RM Emulsifiable Concentrate
10798	GAL	876.	Peak of the Market Manzate 8 Dust Potato Fungicide
10805	GCP	877.	Green Cross Benazolin Liquid Herbicide
10806	STF	878.	Betasan 12.5 Granular Selective Herbicide
10815	DIT	879.	L-2 Fog Oil contains Lindane
10817	OLH	880.	Ochemco MCPA Amine 80 Liquid Weed Killer
10823	KEM	881.	Riddex B-P Residual Spray Insecticide
10829	ALS	882.	Better Garden Liquid 2,4-D Weedkiller
10834	AMC	883.	Back Yard Clean-Up Liquid Amitrole Weedkiller
10856	GUS	884.	Evershield CM Seed Protectant Suspension
10866	SAF	885.	No. 5 MX Fog Oil
10869	BPC	886.	Propcorn Liquid Fungicide
10871	MMC	887.	Sergeant's Cat Flea Powder
10874	DOW	888.	Ruelene 12R Cattle Insecticide
10876	CLL	889.	ChemStor Liquid Preservative
10877	INT	890.	Co-op Cygon 2E E.C.
10884	CHV	891.	Ortho Diazinon Insect Spray
10885	GCP	892.	Maloran 50% Selective Herbicide
10891	TUC	893.	Barnfly Spray Residual Concentrate
10892	KEY	894.	Glowon Tree Killer
10897	NIB	895.	Non-Mercury Liquid Polyram Seed Protectant Fungicide
10898	GEI	896.	Spectracide Garden Spray
10899	GEI	897.	Spectracide Lawn and Garden Insect Killer
10900	GEI	898.	Spectracide Pressurized Insect Spray
10911	CER	899.	Certified 55 Selective Broadleaf Weed Killer
10912	NAC	900.	National Chemsearch Select-Trol
10914	GCP	901.	Green Cross Garden and Fruit Tree Spray
10915	PFF	902.	Calsa Mecoprop 48
10916	PFF	903.	Calsa Mecoprop Plus 2,4-D 32-16
10926	NPO	904.	Protox A/85 Preservatif Impermeable Pour le bois
10927	INT	905.	Co-op Corn Seed Protectant Dust
10929	SCT	906.	Pro Turf Broad Spectrum Granular Weedicide
10930	SCT	907.	Kansel Granular Weed Control
10931	SUD	908.	Chaperone Rabbit and Deer Repellent
10933	SUD	909.	Chaperone Powder for use on Flea Kill bed or Catnap bed
10936	DOW	910.	Plictran 50W Miticide
10946	WIL	911.	Wilson's Rose and Flower Spray
10947	DOW	912.	Dow TCA Pellets Inhibited
10949	GCP	913.	Green Cross One-Shot Poison Ivy Killer
10951	PEN	914.	Pestroy Liquid Residual Insecticide
10952	NIB	915.	Liquid Fruit Tree Spray Kills Insects & Controls Diseases
10954	SCU	916.	Scott's Cure Dust



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10957	CBC	917.	Pyrethrum Liquid Dip for Control of Blowflies on Fish
10959	UNR	918.	Pro-Gro Dust Systemic Seed Protectant
10964	WIL	919.	Wilson's Evergreen Spray-Systemic Insecticide-Miticide
10965	WIL	920.	Wilson's 50% Sevin Insecticide Wettable Powder
10966	SIC	921.	Sico Incolore No. 774-104 Preservatif Hydrofuge
10969	GCP	922.	Green Cross Estamine 80 Low Volatile Liquid Weedkiller
10970	GCP	923.	Green Cross Estamine 80 2,4-D Low Volatile Liquid Weedkiller
10971	NIB	924.	Liquid Wonder Weeder for Deluxe Lawns
10972	NIB	925.	Pressurized Foam Wonder Weeder Spray
10973	NIB	926.	Weed Preventer Spray with Dacthal Wettable Powder
10974	NIB	927.	Granular Weed Preventer with Dacthal
10978	GEE	928.	Basudin 5G Granular Insecticide contains Diazinon
10981	GEE	929.	Acaraben 50E Emulsifiable Insecticide
10982	NIB	930.	Liquid Gardenall Spray Kills Insects and Controls Diseases
10984	TUC	931.	Ciolac Insecticide Livestock Dust contains 3% Ciodrin
10985	LAT	932.	Later's 1% Lindane Dust Insecticide
10986	UNR	933.	Vitafo Liquid Suspension Non Mercurial Seed Protectant
10988	GEE	934.	Primatol A.P. 5:5 Brand of Atrazine and 2,4-D Granular
10991	SHL	935.	Rabon Insecticide 75% Wettable Powder
10992	DIT	936.	Chlordane 40S Oil Concentrate Insecticide
10995	LAT	937.	Later's Animal Insect Powder contains Lindane
10999	RAL	938.	Purina Insecticide Fogging Solution
11000	RAL	939.	Purina Cattle Insecticide Dust
11001	CBD	940.	CS-RA-1 Liquid Selective Pre-Plant Herbicide
11002	SML	941.	Borden Greens and Fairways Granular Crabgrass Preventer
11005	CYC	942.	Cytrol Poison Ivy Killer
11006	NIB	943.	Ethion 5 Plus Thiram 7.5 Granular Insecticide-Fungicide
11014	DUV	944.	Boitin Stains contains Pentachlorophenol
11015	DUV	945.	Boitin Stain Clear contains Pentachlorophenol
11016	GCP	946.	Bramophos 25% Wettable Powder Insecticide
11026	GEE	947.	Princep 4G Granular Herbicide of Simazine
11027	BRH	948.	Bramco Manzate 8 Dust Potato Fungicide
11028	VAR	949.	Guardsman Fungicide M Wettable Powder
11031	LAT	950.	Later's Lawn Weedkiller Liquid 2,4-D Amine
11034	PFF	951.	Sabithane 80-80% Maneb WP Agricultural Fungicide
11036	MBE	952.	Marquette Larvex 5% Insecticide
11037	MBE	953.	Marquette Martox Insecticide Spray
11038	SAN	954.	Sanfax Dyna-Kill Concentrated Oil Soluble Insecticide
11039	CHD	955.	Chapco SSC Concentrate Liquid Fungicide Concentrate
11046	DIT	956.	Diazinon 1% Insecticide Solution
11048	FEP	957.	FPC Liquid Lindane 1% Residual Insecticide
11050	FIS	958.	Fisons Dursban 25E Emulsifiable Insecticide
11051	LAT	959.	Later's 10% Manzate 200 Potato Seed Tuber Dust Fungicide
11054	VIT	960.	Lethalaire A-30
11055	GCP	961.	Green Cross Estamine Non-Volatile Brushkiller 80
11061	DUQ	962.	Tersan 1991 Turf Fungicide Wettable Powder
11062	DUQ	963.	Benlate Fungicide Wettable Powder for Ornamentals
11066	NIB	964.	Afesin 50W Herbicide Wettable Powder
11067	NIB	965.	Afesin 2 Herbicide Emulsifiable Concentrate
11070	NOW	966.	Tarcoate Pure Coal Tar Creosote
11071	NOW	967.	Tarcoate Pentasol Wood Preservative
11072	SIO	968.	Cross Country Weed Killer for Lawns
11075	UNR	969.	Systemic Non-Mercurial Vitafo
11076	SHL	970.	Vapona/Malathion Insecticide Fogging Solution
11077	SHL	971.	Vapona/Malathion Insecticide Fogging Solution
11080	TEC	972.	Dynafo 99 Ready-To-Use Insecticide
11084	SHA	973.	Shamrock Malathion 50% E.C.
11086	VEL	974.	Velsicol MCPAK 64 Liquid Weed Killer
11087	INT	975.	Co-op MCPAK 64 Liquid Weed Killer

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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
11088	CHP	976.	Mantox 80% Maneb W.P. Fungicide
11089	INT	977.	Co-op 75% MCPA Sodium Salt Soluble Powder Weed Killer
11091	AMC	978.	Super D Weedone Foam Weed Killer
11092	VEL	979.	Warfarin Plus Sulfaquinoxaline Concentrate Insecticide
11093	VEL	980.	Diphacin—110 Concentrate Rodenticide
11094	VEL	981.	Velsicol Warfarin Concentrate Rodenticide
11095	VEL	982.	Velsicol Pivacin Concentrate Rodenticide contains Pindone
11096	LAT	983.	Later's Sevein 50% W.P. Insecticide
11099	DIB	984.	Bravo W 75% Wettable Powder Agricultural Fungicide
11101	MEC	985.	Wettable Powder Mertect 460 Thiabendazole Fungicide
11104	STD	986.	Stan Chem Mancozeb Potato Seed Piece Fungicide Dust
11107	GUL	987.	Outfox Gulf Oil Corp. Emulsifiable Liquid Corn Herbicide
11110	TUC	988.	Bin Treat contains Malathion
11111	AMC	989.	Amiben Ester Emulsifiable Liquid Herbicide
11113	OLH	990.	Ochemco 2,4-D Liquid Weed Killer Amine 96
11115	UAJ	991.	Sevin 4 Oil
11120	BOY	992.	Black Flag Insect Spray
11125	RIL	993.	Richardson's Malathion 50E Outdoor Spray Concentrate
11130	OLH	994.	Ochemco Malathion 50E.C.
11131	RIL	995.	Richardson's 1% Diazinon Household Insecticide Spray
11132	FAR	996.	Farnam Super Die-Fly Sugar-Base Fly Killer
11134	DAC	997.	Daco Electric Fogger Premium Fly Spray
11135	INT	998.	Co-op New Ready-To-Use Warble Killer
11141	NAC	999.	National Chemsearch P-O-W Wasp Spray
11143	GCP	1000.	Green Cross DDVP Fly Killer for use as a Bait
11145	RIL	1001.	Richardson's Chlor 40—Soil—Turf Insecticide
11147	SAF	1002.	Sanex 0.5% Lindane (Residual Insecticide)
11149	JOH	1003.	OFF! Concentrate Insect Repellent Solution
11151	DOO	1004.	Domtar Creoserve Wood Preservative
11152	DOO	1005.	Domtar No. 1 Creosote Oil Wood Preservative
11155	BOY	1006.	5% Methoxychlor in Oil Residual Spray
11156	FAR	1007.	Farnam Ready-to-Use Stable and Horse Fly Spray Solution
11158	FEP	1008.	FPC 1% Diazinon Liquid
11159	KEM	1009.	Riddex C-2 Residual Insecticide
11163	RAL	1010.	Purina Wound Protector-Livestock Bomb Insecticide
11167	THU	1011.	Starbar Golden Malrin Sugar Bait
11168	DIB	1012.	Exotherm Termil A Special Fungicide Powder.
11173	WEP	1013.	Mistosect
11174	CHP	1014.	Betasan Crabgrass Preventer contains Bensulide
11175	GCP	1015.	Green Cross Fly Killer Spray Concentrate Containing Trichlorfon
11178	KEM	1016.	Riddex M/X/L Fogging Insecticide
11181	GCP	1017.	Green Cross Drillbox DCL Powder
11182	COS	1018.	Weed Out Pressurized Foam for Lawns contains 2,4-D and Mecoprop
11183	CHP	1019.	Chipman Lawn Weedkiller Pressurized Spray Foam
11186	NIB	1020.	Cyprex 65-W contains Dodine Fungicide Powder
11188	GCP	1021.	Green Cross Livestock Insecticide Powder contains Ciodrin
11197	NIB	1022.	Maneb 80-W Fungicide Wettable Powder
11198	LAT	1023.	Later's Couch (Quack) Grass Killer with TCA Water Soluble Pellets
11199	DIT	1024.	Mouse Seed Rodenticide Bait contains Strychnine
11200	CHV	1025.	Ortho Brush Killer A
11202	NIB	1026.	Liquid Multispray Insecticide with Diazinon
11203	TUC	1027.	Flybon Insecticide 75% Wettable Powder Residual Barn Spray
11208	MBE	1028.	Solnet un herbicide contenant du Chlorthal
11213	CHP	1029.	Chipman Ant and Grub Killer Granular contains Chlordane
11214	CHP	1030.	Dutox Systemic Insect Killer
11220	GCP	1031.	Green Cross Livestock Insecticide Pressurized Spray



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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
11221	NIB	1032.	Captan 50W Fungicide Wettable Powder
11222	NAC	1033.	National Chemsearch Fenocil Weed Killer
11226	DIT	1034.	Sulfamate-80 Herbicide Concentrate
11228	NIB	1035.	Methoxychlor 5% Solution Insecticide
11229	DIT	1036.	Malathion 50S Oil Concentrate Insecticide
11230	DIT	1037.	Chlordane 25G Granular Insecticide
11231	DIT	1038.	Chlordane 5G—Granular Insecticide
11232	MBE	1039.	Steril (destrucueur de Vegetation, contient Ammonium Sulfamate)
11234	NAP	1040.	Betanal Emulsifiable Post-Emergence Herbicide
11235	GRE	1041.	Green Valley Maneb 80 WP Fungicide
11236	CHV	1042.	Ortho Weed-B-Gon Jet Weeder (Pressurized)
11239	CHV	1043.	Ortho Cygon 2E Insecticide contains Dimethoate
11240	CHV	1044.	Ortho Fruit and Vegetable Insect Control
11241	INT	1045.	Co-op Spot Weed Killer contains 2,4-D Amine and Mecoprop
11242	INT	1046.	Pool Brand 2,4-D Amine 80 Liquid Weed Killer
11243	INT	1047.	Pool Brand MCPA Sodium Salt 48 Liquid Weed Killer
11247	INT	1048.	Pool Brand MCPA Amine 80 Liquid Weed Killer
11249	CHV	1049.	Ortho Rose and Floral Dust
11251	DUQ	1050.	Lorox G. Lunuron Herbicide
11252	ABB	1051.	Dipel Bacillus Thuringiensis var. alesti W.P.
11253	OLN	1052.	Oliver Maneb 80 W Wettable Powder Fungicide
11254	PFF	1053.	Pfizer Dalapon Grass Killer
11255	DIT	1054.	Bromacil-16 Liquid Weedkiller Concentrate
11256	FIS	1055.	Fisons FI-Fly Bait Contains Trichlorfon
11262	LAT	1056.	Later's Beef Tick and Grub Control WP
11265	KEL	1057.	Mold Curb Liquid Containing Propionic Acid
11266	KEL	1058.	Mold Curb Dry Powder containing Propionic Acid
11267	LAT	1059.	Later's Algacide—with Copper Sulfate Soluble Granules
11268	KIN	1060.	King 15% Zineb Mushroom Dust
11269	SUP	1061.	Supersweet Fly Bait contains Dichlorvos
11270	SHL	1062.	Vapona No-Pest Insecticide Aerosol contains Dichlorvos
11272	CHV	1063.	Ortho Spot Weed and Grass Killer (Pressurized)
11273	CHP	1064.	Chipman Mecoprop + 2,4-D Weedkiller Liquid
11275	AMC	1065.	Fenavar Liquid General Weed Killer
11276	AMC	1066.	Amilon WP Pre-Emergence Weedkiller
11279	CHV	1067.	Ortho Diazinon Soil and Foliage Dust
11281	CHG	1068.	Dylox U-L-V Spray Insecticide Contains Trichlorfon
11282	CGA	1069.	Primatol AP 5:5 Atrazine + 2,4-D Amine Granular Herbicide
11284	STF	1070.	Eptam 8-E Selective Herbicide—Emulsifiable Liquid
11287	NIB	1071.	Dimethoate 4-E Insecticide Emulsifiable Concentrate
11289	STF	1072.	Eptam 10:G Granular Selective Herbicide
11291	MEC	1073.	Mertect 360 Thiabendazole Fungicide
11299	DOW	1074.	Dow Contact Weedkiller Emulsifiable Concentrate
11300	CHP	1075.	Weedrite Aerosol Weed and Grass Killer contains Paraquat
11301	AMC	1076.	Emulsavert—D An Invert Emulsion Formulation of 2,4-D
11302	INL	1077.	Thuricide HPC contains Bacillus thuringiensis
11308	CHP	1078.	Chipman Therma-Fog M-L Solution
11312	STF	1079.	Sutan 8-E Emulsifiable Liquid Selective Herbicide
11313	CHG	1080.	Baygon OSC Insecticide
11314	KEM	1081.	Riddex Mal-Fog 55 Fogging Insecticide Concentrate
11315	DOW	1082.	Dursban 25W Wettable Powder Insecticide
11316	KEM	1083.	Riddex M/X/L-25 Fogging Insecticide Concentrate
11318	PPC	1084.	Pet Products Company Flea Bane
11321	CHP	1085.	Herbitox MCPA Liquid Weedkiller from Potassium Salt of MCPA
11322	HUL	1086.	Hunto-Pest Residual Insect Spray contains Diazinon
11323	SHL	1087.	SL17731 Liquid Wild Oat Herbicide (contains Benzoylprop)
11325	AEF	1088.	Durable Cedar Moth Proofer (Pressurized)



PEST  
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PRODUCTS  
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CODE NO.	COMPANY	ITEM	PRODUCT NAME
11326	WOB	1089.	Residual Insecticide Liquid
11329	INT	1090.	Pool N.M. Drill Box Seed Treatment powder contains Maneb
11337	AMC	1091.	Emulsamine E-3 Liquid Herbicide
11340	VAR	1092.	Guardsman Maneb-Thiodan Dust
11341	MBY	1093.	Asulox asulam sodium salt, liquid selective weedkiller
11342	CHM	1094.	Rozol .28% Mineral Oil Concentrate (for mfg. and PCO)
11343	CHM	1095.	Rozol Rodenticide 0.1% Dry Concentrate (for mfg. and PCO)
11357	SUP	1096.	Supersweet Fly Bait contains Dichlorvos and Ronnel
11358	INT	1097.	Co-op Chlordane 40% Emulsifiable Concentrate Insecticide
11359	SAN	1098.	Sanfax 473 EC Insecticide
11363	SAG	1099.	Sanex 10% Chlordane Emulsifiable Concentrate
11364	SAG	1100.	Sanex 40% Chlordane Emulsifiable Concentrate
11365	SAG	1101.	Sanex Vapo Fog Liquid Insecticide
11368	LAL	1102.	Lalco Moth Proofer (pressurized)
11369	ALT	1103.	Alsi Moth Proofer (pressurized)
11372	THU	1104.	Starbar Golden Malrin Liquid
11374	KEM	1105.	Riddex Chlordane 40 Emulsifiable Concentrate Insecticide
11375	FAP	1106.	Familex Pressurized Spray Fly Gas Bouillie sous pression
11376	JIT	1107.	Jito Jitogas Aerosol Insecticide
11380	MBE	1108.	Marquette Insectex Poudre Insecticide Contient 5% Chlordane
11382	MBE	1109.	Marquette Prolin in Pellets Kills Rats and Mice
11385	SYD	1110.	Industrial Formulation of Diazinon Insecticide
11389	OLS	1111.	Ochemco NM Single Drill Box Seed Treatment Powder
11391	OLS	1112.	Ochemco NM Dual Purpose Drill Box Seed Treatment Powder
11396	ROH	1113.	KERB—50W Selective Herbicide Wettable Powder
11397	THU	1114.	Starbar Grubex
11399	MGK	1115.	Pyrocide Mosquito Adulticiding Concentrate
11400	PED	1116.	Decco Apple Coating WT-56 with Fungicide Thiabendazole
11410	NIB	1117.	Pomogreen Rose and Flower Fungicide Wettable Powder
11444	GCP	1118.	Mesoranil 50W

CLASSIFICATION OF FERTILIZERS CONTAINING PESTICIDE PRODUCTS  
BY COMPANY USING FERTILIZER ACT REGISTRATION NUMBERS

FERTILIZER  
ACT (CANADA)  
REGISTRATION

CLASS "C" PRODUCTS

NUMBER	COMPANY	ITEM	PRODUCTS
258	Ciba Geigy	1119.	Green Cross Weed 'N' Feed Lawn Fertilizer 20-10-5
331	Simpson-Sears	1120.	Cross Country Pre Emergent Crabgrass Killer 10-6-4
341	Elanco	1121.	Elanco Plant Food & Weed Preventer 4-12-4 Fertilizer
415	Manchester Prod.	1122.	Super Green 10-6-4 with Chlorthal
416	Manchester Prod.	1123.	Super Green 10-6-6 with Chlorthal
418	Manchester Prod.	1124.	Manchester Super Green 7-7-7 with Chlorthal
601	United Co-Ops.	1125.	CO-OP Fertilin 10-6-4 Turf Fertilizer with Weed Killers
619	Burns Foods Ltd.	1126.	Burns "Magic" Organic Fertilizer 9-7-4 with 2,4-D
754	T. Eaton Co.	1127.	Eaton Teco Garden Grove Lawn Fertilizer 9-5-3
755	T. Eaton Co.	1128.	Eaton Teco Garden Grove Lawn Fertilizer 10-6-4
924	Simpson-Sears	1129.	Cross Country Weed & Feed for Lawns 5-5-0
1044	Green Valley	1130.	Green Valley Feed & Weed 5-5-0 with 2,4-D Weedkiller
1307	C.I.L.	1131.	Witts 7-7-7 Weed and Feed contains 2,4-D & Mecoprop
1383	Swift Canadian Co.	1132.	Golden Vigoro Lawn Weed & Feed 12-6-3
1543	Globe Evergreen	1133.	Agro 8-2-2 Lawn Medic Weed and Feed

FERTILIZER  
ACT (CANADA)  
REGISTRATION

NUMBER	COMPANY	ITEM	PRODUCT NAME
1565	Ciba Geigy	1134.	Green Cross Lawn Green with Crabgrass Preventer 14-7-3
1635	Cyanamid of Can.	1135.	Aero (R) Green 10-6-4 Weed and Feed with 2,4-D
1646	Green Valley	1136.	Green Valley 20-5-10 Hi-Light Feed & Weed with Killex
1672	C.I.L.	1137.	C-I-L 12-4-8 Weed & Feed
1707	Cyanamid of Can.	1138.	Aero (R) Green 10-6-4 Weed & Feed with Killex*
1708	Cyanamid of Can.	1139.	Aero (R) 7-7-7 Lawn Fertilizer with 2,4-D Weedkiller
1710	Cyanamid of Can.	1140.	Aero (R) Green 10-6-4 Lawn Fertilizer with Trifluralin
1842	Knapp Garden Spots	1141.	Knapps 20-10-5 Weed & Feed with Killex
1895	Brockville Chem.	1142.	Nutrite 4-12-8 Plant Food & Weed Preventer with Trifluralin
1927	Brockville Chem.	1143.	Nutrite 10-6-4 Feed'n Crabcheck Lawn Food with C.G. Preventer
1929	Brockville Chem.	1144.	Nutrite 10-6-4 Turf + Feed'n Weedaway with Killex
1953	Knapp Garden Spots	1145.	Knapps Lawn Boost 15-5-10 with Chlordane
1955	Agricultural Chem.	1146.	Agrico Country Club 10-5-10 with Weed Control
2042	Elanco	1147.	Elanco 10-5-5 with Bethrodine for Crabgrass Control in Lawns
2050	Cyanamid of Can.	1148.	Aero Green (R) 10-6-4 Crabgrass Preventer with Azak
2051	C.I.L.	1149.	C-I-L Evergreen with Crab Grass Preventer
2052	C.I.L.	1150.	Witts 7-7-7 Weed and Feed
2053	Brockville Chem.	1151.	Nutrite Fairway Feed'n Weedaway 12-6-8 with Killex
2054	T.M. Spratt Co.	1152.	Spratts Eze-Weed 7-7-7
2055	So-Green	1153.	So-Green Weed and Feed 7-7-7
2056	So-Green	1154.	So-Green 7-7-7 Crabgrass Preventer contains Azak
2057	So-Green	1155.	So-Green 7-7-7 with Chlordane
2058	C.I.L.	1156.	C-I-L Evergreen with Crab Grass Preventer 6-9-6
2064	Ciba Geigy	1157.	Green Cross Weed 'N' Feed-Killex Lawn Fertilizer 20-10-5
2065	Green Valley	1158.	Green Valley 20-5-10 Hi-Light Feed & Weed Bugkil
2066	Green Valley	1159.	Green Valley 20-5-10 Hi-Light Feed & Bugkil
2067	Home Hardware	1160.	BEAUTI-LAWN 10-6-4 Weed and Feed with 2,4-D
2068	Home Hardware	1161.	BEAUTI-LAWN 7-7-7 Weed and Feed with 2,4-D
2069	Hardi Gardens	1162.	Hardi Brand 20-5-10 Weed and Feed contains 2,4-D
2070	C.I.L.	1163.	C-I-L Lawn Doctor Rx 12-4-8
2071	C.I.L.	1164.	C-I-L Evergreen with Grub and Bug Killer 6-9-6
2075	C.I.L.	1165.	C-I-L Lawn Doctor Rx 6-9-5
2076	C.I.L.	1166.	C-I-L Evergreen with Crab Grass Preventer 6-9-6
2077	United Co-ops.	1167.	CO-OP Fertilin 10-6-4 Turf Fertilizer with Crabgrass Preventer
2078	United Co-ops.	1168.	CO-OP Fertilin 10-6-4 Turf Fertilizer with White Grub Killer
2079	Cyanamid of Can.	1169.	Aero (R) 7-7-7 Lawn and Garden Fertilizer with Chlordane
2080	O.M. Scott & Sons	1170.	Turf Builder plus 2 22-5-5
2081	O.M. Scott & Sons	1171.	ProTurf Fertilizer plus Dicot Weed Control 30-5-3
2086	Simpson-Sears	1172.	Cross Country Weed & Feed 5-5-0 Processed Sewage
2087	Simpson-Sears	1173.	Cross Country Grub and Bug Killer 10-6-4 with Chlordane
2088	Cyanamid of Can.	1174.	Aero (R) True-Green 10-6-4 Weed and Feed with 2,4-D
2089	Cyanamid of Can.	1175.	Aero (R) True-Green 10-6-4 Crabgrass Preventer with Azak

FERTILIZER  
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NUMBER	COMPANY	ITEM	PRODUCT NAME
2090	Cyanamid of Can.	1176.	Aero (R) True-Green 10-6-4 Weed and Feed with Killex*
2091	Chevron Chem.	1177.	ORTHO-GRO Weed and Feed 21-4-4
2092	Cyanamid of Can.	1178.	Aero (R) True-Green 10-6-4 with Chlordane
2093	Chevron Chem.	1179.	ORTHO-GRO Lawn Food 19-3-3 (Crab Grass Control)
2094	Stone Fertilizer	1180.	Witts Weed & Feed 20-10-5
2095	Stone Fertilizer	1181.	Green-Up Weed & Feed 10-6-4
2096	Stone Fertilizer	1182.	Mr. Green Weed & Feed 10-6-4
2097	Pacific Agro Co.	1183.	Agro Lawn Medic, Weed & Feed 8-2-2
2100	So-Green Ind.	1184.	So-Green Fall Season Lawn Food with Weed Control 3-6-10
2101	Swift Canadian	1185.	Golden Vigoro and Crabgrass Preventer 12-6-3
2102	Brockville Chem.	1186.	Nutrite 4-9-15 Winter Conditioner with Chlorthal
2103	C.I.L.	1187.	C-I-L 12-4-8 Weed & Feed
2104	So-Green Ind.	1188.	So-Green Weed Destroyer Plus Lawn Food 10-5-10
2105	So-Green Ind.	1189.	Lawn Pep 7-7-7 Weed & Feed Fertilizer
2106	C.I.L.	1190.	C-I-L Ant & Grub Killer 12-4-8 with Chlordane
2107	C.I.L.	1191.	C-I-L Crab-Gard 12-4-8 with Betasan
2109	C.I.L.	1192.	C-I-L Lawn Doctor 12-4-8
2110	Simpson-Sears	1193.	Simpsons-Sears Weed and Feed 20-10-5
2111	Brockville Chem.	1194.	Nutrite 10-6-4 Feed'n Bugaway Turf Special Lawn Food
2112	Co-Op Federée	1195.	PLUS VERT 10-6-4 with herbicides
2123	Brockville Chem.	1196.	Nutrite 4-9-15 Winter Guard plus Weedaway—Killex

O. Reg. 119/73, s. 4, *part.*

## Schedule 4

## CLASS "D" PRODUCTS

PEST  
CONTROL  
PRODUCTS  
ACT (CANADA)

CODE NO.	COMPANY	ITEM	PRODUCT NAME
2800	BAI	1.	Commando Aerosol Insecticide
2806	DIV	2.	Diverside K Insecticide
2887	CBG	3.	Mix-Odor Paradichlorobenzene
2900	CBL	4.	Cardicide Insecticide a Space and contact Spray
2994	CAA	5.	Cristaux A Mites Paradichlorobenzene Cadillac
3102	NIB	6.	Niagara Micro-Niasul Wettable Sulphur-Fungicide
3141	CHP	7.	Atlox Vegetable Dust Rotenone Insecticide
3166	BEA	8.	Beacon Fly Killer contains Rotenone
3189	BAI	9.	Super Microsol Insecticide
3271	STQ	10.	Stanley Perfumed Pardichlorobenzene Crystals
3272	STQ	11.	Stanley Solidified Paradichlorobenzene Moth Cakes
3276	RAW	12.	Rawleigh Paradichlorobenzene Moth Crystals and Nuggets
3289	USB	13.	20 Mule Team Concentrated Borascu for Weed Control
3320	REL	14.	Mill-O-Sect. Insecticide
3416	IMP	15.	Eso Mineral Oil Weed Killer 350
3428	GCP	16.	Green Cross 1% Rotenone Dust
3430	GCP	17.	Green Cross Deritox Garden Guard Refill
3555	KIN	18.	King 1% Rotenone Dust Insecticide
3577	MBE	19.	Marquette Crystals Paradichlorobenzene
3600	KEM	20.	Riddex Special Strength Insecticide
3614	MIF	21.	Midland Mill-O-Cide Formula B 9 Food Insecticide
3639	TUC	22.	Warfarin Bait Paks (Meal or Pellets)



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
3661	IDA	23.	Tue-Mite "Neo" Anti-Mite Moth Killer
3682	MOR	24.	Mothal—Naphthalene—Moth Balls—Moth Flakes
3692	MOR	25.	Mothal—Paradichlorobenzene—Moth Killer
3693	TUC	26.	Stock Spray-Ready to use
3740	KEM	27.	Ded-Rat Prepared Rodenticide (containing Warfarin)
3758	NOX	28.	Noxall Rat Bait containing Warfarin and Sulfaquinoxaline
3760	BEA	29.	Beacon Rat & Mouse Killer containing Warfarin
3766	MTC	30.	Fleatex Insecticide Powder
3787	FED	31.	Warfarin Treated Ready to Use Kornbait
3788	PIE	32.	Pied Piper Rodent Die-Ner-Ready to Use Rat & Mouse Killer
3813	VIC	33.	Victor Warfarin Rat and Mouse Bait
3836	WOB	34.	Woods Microsect Pyrethrins-Piperonyl Butoxide
3837	MAR	35.	Ready Mix Warfarin Rat & Mouse Killer
3858	DOE	36.	KR4 Warfarin Rat and Mouse Killer
3872	HAU	37.	My-T Mite Powder
3881	BRH	38.	Ready to Use Warfarin Bait
3883	INT	39.	Hastings Ratmaster Prepared Bait with Warfarin
3897	WEP	40.	West Insecticide
3918	CHP	41.	Chipman Microfine Sulphur 92 Fungicide
3925	AIR	42.	Air-Way Moth Control (Paradichlorobenzene)
3929	KEM	43.	Riddex Fifty Insecticide
4021	STF	44.	Alfa Brand Wettable Sulfur Fungicide
4030	RAL	45.	Purina Poultry Insecticide Roost Paint
4039	GCP	46.	Green Cross Tantoo Repellent Pressurized Spray
4090	ESC	47.	Levilite Piperonyl Butoxide—Pyrethrin Insecticide
4103	LAT	48.	Later's 1% Rotenone Dust Insecticide
4111	KEM	49.	Riddex Eighty Concentrated Insecticide
4119	HAF	50.	Deth Rat-Mouse Extreminator-Bait
4146	HAF	51.	Deth Animal and Plant Insect Powder
4152	CHP	52.	Chipman Dairy, Mill and Livestock Spray Insecticide
4201	MBE	53.	Boules et Flocons à Mites (Naphthalene)
4260	HAU	54.	Hartz Mountain Mit-E-Kil Liquid Insect Control
4305	SAF	55.	Rodentkil Warfarin Bait
4316	REX	56.	Rexall Moth Proofer Pressurized Spray
4319	WIL	57.	Wilson's Cattle Spray Insecticide
4339	WEP	58.	Ratmort with Prolin new improved Rat and Mouse Killer Pellets
4347	RAW	59.	Rawleigh Paradichlorobenzene Moth and Deodorant Blocks
4353	VIT	60.	Lethalaire V-21 an Aerosol Insecticide
4496	KEM	61.	Riddex Ten Insecticide
4523	NIB	62.	Household Space and Contact Spray insecticide
4550	HAG	63.	Ratu Rat and Mouse Killer Bait containing Warfarin
4586	CYC	64.	Malathion 4% Dust Insecticide
4607	ALS	65.	ACS Rat and Mouse Killer contains Warfarin
4627	INT	66.	Co-op Pyrenone Oil Spray
4758	FIL	67.	Filter Queen Moth Crystals
4784	WIP	68.	Industrial Strength Aerosol bomb
4802	SAQ	69.	Insecticide Miro Pyrenone
4810	NIB	70.	Niagara Malthion 4 Dust Insecticide
4821	GCP	71.	Green Cross 4% Malathion Dust
4822	INT	72.	Co-op Paradichlorobenzene Moth Crystals
4853	LAT	73.	Later's Livestock Insect Killer Aerosol Spray
4884	FUB	74.	Fuller Moth Proofer Pressurized Spray
4991	GAH	75.	"Arnold" Sulph-O-Spray
5001	GAH	76.	"Arnold" P-R (Pyrethrum-Rotenone)
5063	KER	77.	Three Elephant Tronabor Agricultural Pentahydrate Borax
5107	LAT	78.	Later's Liquid Warfarin Mouse and Rat Killer
5140	INT	79.	Co-op Garden Insect Dust contains Rotenone
5190	UAJ	80.	"6-12" Insect Repellent Stick
5198	REC	81.	Economy Moth Balls and Flakes—Naphthalene

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
5261	BRH	82.	Bramco Malathion 4% Dust an Agricultural Insecticide
5293	LAT	83.	Later's Garden Sulphur—Fungicide
5294	FUB	84.	Repel Insect Repellent
5315	HAE	85.	Sect-O-Cide Spray for Flying and Crawling Insects
5321	DOW	86.	Kuron Weed and Brush Killer Emulsifiable Concentrate
5349	LAT	87.	Later's 5% Malthion Dust
5353	ACE	88.	(1) Flea Band (2) Flea Collar for Cats or Dogs
5365	HYD	89.	Raponex Warfarin Prepared Rat and Mouse Killer Bait
5379	BRH	90.	Bramco Captain Fungicide 5% Dust
5386	HIL	91.	Hilo Dry Bath Pressurized Spray for Dogs
5396	RAW	92.	Rawleigh Pressurized Moth Proofer
5434	HIL	93.	Hilo Flea and Fungus Powder
5436	HIL	94.	Hilo Dip with Rotenone, Concentrated Rinse for Dogs
5437	KIN	95.	King 4% Malathion Dust Insecticide
5448	CAA	96.	Cadillac Pyrenol insecticide (Pyrenone)
5458	GEK	97.	Brantford Fly Bomb
5468	HIL	98.	Hilo Flea Tick and Insect Spray Pressurized
5478	POL	99.	Pollack Moth Crystals—Paradichlorobenzene
5487	RAW	100.	Rawleigh Stock Spray
5490	ABE	101.	Waco Bugkill Aerosol Insecticide
5499	LAT	102.	Later's 5% Captain Fungicide Dust
5565	OSD	103.	Pentox Primer Sealer Wood Preservative Dark Green
5643	LOR	104.	Rodenex Rat Killer contains Warfarin
5663	INT	105.	Co-op Louse Powder contains Rotenone Insecticide
5769	LAT	106.	Later's Animal Insect Powder
5810	LOR	107.	SpranoX Insecticide House and Garden Insecticide
5834	KIN	108.	King Insect Repellent Bomb
5846	UAJ	109.	"6-12" Insect Repellent Spray
5847	LOR	110.	SpranoX—Insecticide Domestique
5860	HYD	111.	Nibonex No-Nib'l Rabbit Repellent
5876	REL	112.	Redicide Aerosol Insecticide
5880	REL	113.	Agricide 77 Space and Contact Spray
5909	NIB	114.	Rat and Mouse Bait with Warfarin
5923	TUC	115.	Pres Stok Fly Killer for Horses and Livestock
5924	REL	116.	Lix Moth Spray
5960	AVP	117.	Avon Moth-Proofers
6063	LAT	118.	Later's Warble Fly Wash
6086	PAU	119.	Paula Insect Killer Bomb
6099	REL	120.	Redi-Kill Warfarin Rat and Mouse Killer Pellets
6109	ABE	121.	Waco 50-7 Industrial Insecticide
6126	KEM	122.	Riddex Insecticide
6159	VIT	123.	Lethalaire V-23 Hi-Pressure Aerosol Insect Killer
6213	MEX	124.	Meteoricide Paradichlorobenzene Crystals
6226	SUQ	125.	Stim-U-Plant African Violet House Plant Spray
6232	JOH	126.	Moth-Raid Moth Proofer
6234	JOH	127.	Raid Insect Spray
6236	SAR	128.	Sarm Rat & Mouse Bait contains Warfarin
6325	LAT	129.	Later's Dormant Oil Spray
6338	RAL	130.	Purina Home Aero-Spray Insecticide
6371	INS	131.	Bar-Rot Wood Preservative
6411	CHP	132.	Ridsect Household Insect Spray
6412	STO	133.	Repex Insect Repellent—Lotion
6414	STO	134.	Repex Insect Repellent—Pressurized
6465	TUC	135.	Grain Guard Powder contains Malathion
6496	NOX	136.	Bixakk Flea-Nek-Tye with Lindane for Dogs and Cats
6504	MBE	137.	Mala-4 Poudre a poux soupoudrage
6508	NIB	138.	Grain Protectant Insecticide
6551	TUC	139.	Cowpest Louse Powder contains Rotenone
6581	TUC	140.	Krumkil Prepared Mouse Bait contains Pumarin

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
6586	CAG	141.	Odorless Farm and Home Disinfectant Sanitizer
6590	MAZ	142.	Marc-O Crystals Paradichlorobenzene
6591	CHV	143.	Ortho Indoor Plant Insect Bomb
6592	MAX	144.	Boules et Flocons a Mites (Naphthalene)
6593	NIP	145.	Lion Brand Mosquito Coil for Killing Mosquitos
6655	CHV	146.	Ortho Home & Garden Insect Bomb
6670	LOR	147.	Malathion 4% Dust Insecticide
6675	CHR	148.	K-M Insecticide Space and Contact Spray
6701	BRJ	149.	La Salle poison a rats et souris
6758	RAW	150.	Rawleigh Paradichlorobenzene Perfume and Deodorant
6779	MBE	151.	Rotenone Marquette
6812	REC	152.	Azur Insect Bomb for House and Garden
6824	BCC	153.	Rat Bait contains Warfarin and Sulfaquinoxaline
6826	AVM	154.	Moth Killer and Dedorant Paradichlorobenzene
6840	CHP	155.	Chipman Grain Protectant Malathion Insecticide Dust
6858	WAK	156.	Watkins Deodorant Moth Blocks
6892	LAC	157.	Paradizene Paradichlorobenzene Crystals
6894	CIJ	158.	Kil Moe Insecticide Spray
6907	SVC	159.	Mercury Killrot B Green Wood Preservative
6909	SVC	160.	Mercury Killrot E-B Clear Wood Preservative
6918	LAT	161.	Later's Moss Killer
6942	BAP	162.	53-416 Green Bapco Cupricide Liquid Preservative
6944	WIL	163.	Wilson's Warfarin Rat and Mouse Killer Pellets
6957	ABL	164.	Atomic Ready Mixed Warfarin Rat and Mouse Bait
6959	PHP	165.	Preserva-primer Copper Naphthanate Wood Preservative
6960	ALM	166.	Toxall Preservative Solution
6975	INT	167.	Co-op 4% Malathion Dust
6981	PEC	168.	Vitox Preservative (Green)
6983	PEC	169.	Vitox Preservative (Colourless)
6986	MOB	170.	Pentanol Dark Green Fungicide
6995	UAJ	171.	"6-12" Insect Repellent Lotion
7035	HOL	172.	Holcomb Insekon Space and Contact Aerosol Spray
7078	TUC	173.	Home and Garden Insect Spray
7117	CRL	174.	Wood Preservative Green
7127	HOS	175.	1-30 Toxo A for Wood Copper Naphthenate Preservative
7171	INT	176.	Co-op 1% Rotenone Insecticide Dust
7172	SAF	177.	Food Processors Spray (10-1)
7207	PIT	178.	Diryl Insecticide Powder
7212	DUT	179.	D B Aerosol Insecticide Spray
7222	WIL	180.	Wilson's Warfarin Rat and Mouse Killer
7226	STM	181.	Zintex Preservative Solution
7228	STM	182.	Coppertex Preservative Solution
7260	ALM	183.	Toxall Clear Preservative Solution
7266	CHV	184.	Ortho Dairy and Stock Fly Spray
7309	GEI	185.	Kik Pressurized Personal Insect Repellent
7317	FLR	186.	Florex Aerosol-Insecticide (House and Garden)
7334	MBE	187.	Marquette Rotenone Insecticide Dust
7343	EAN	188.	Eaton's Insect Repellent Liquid
7344	GAP	189.	Gardo No. 23 Shoo Household Pressurized Spray
7360	GAP	190.	Gardo No. 24 Warfarin Prepared Bait
7524	KEM	191.	Riddex 90 Insecticide
7549	VIT	192.	Lethalaire V-24 Aerosol Insecticide
7593	AVM	193.	Avmor Command House and Garden Space and Contact Spray
7613	SHW	194.	Kem Wood Copper Sealer-Preservative (Green) No. 452
7638	GRI	195.	Appat A Rat Contient Warfarin
7652	GCP	196.	Green Cross 5% Sevin Dust Insecticide
7659	DOW	197.	Korlan Residual Insecticide (Pressurized Spray)
7661	DOW	198.	Korlan Mist Spray Insecticide Space and Contact Spray
7663	DOW	199.	Korlan Space and Contact Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
7681	ALT	200.	Al-Si Cristaux Paradichlorobenzene
7689	DOW	201.	Korlan Insecticide Smear contains Ronnel
7694	WHL	202.	Whitmoyer Prolin Rat and Mouse Bait
7703	DOW	203.	KORLAN Insecticide Livestock Bomb contains Ronnel
7704	HAU	204.	Hartz Mountain Luster Bath for Dogs
7705	NOX	205.	Noxall Flea Brush containing Pyrethrins and Rotenone
7707	NOZ	206.	Noxzema Guard Insect Repellent Spray Pressurized
7708	ENI	207.	Ensign 320 Wood Preserver (Green)
7710	ENI	208.	Ensign 320 Wood Preserver (Clear)
7714	CHV	209.	Volck Supreme Emulsifiable Foliage and Dormant Oil
7716	SAQ	210.	Miro Pyrenone (House and Garden) Insecticide
7722	SIR	211.	Exterminateur de rats et souris—Warfarin
7725	NIB	212.	Rotenone Insecto Dust for Vegetables, Flowers, Shrubs
7745	HAU	213.	Hartz Mountain Cat Flea Powder
7751	SAQ	214.	Mirozone—Moth Crystals—Insecticide
7762	REC	215.	Record's Death to Mice .025% Warfarin Bait
7766	INT	216.	Co-op Barn Spray Ronnel
7804	NOA	217.	Nor-Var Carbolineum Wood Preservative
7806	ALT	218.	Aerosol Insecticide for Home and Garden
7902	CBL	219.	Cardel Special Stock and Dairy Spray
7913	HYD	220.	Nibonex Liquid Rabbit Repellent Concentrate
7919	DAK	221.	Preservo Liquid Water Mildew
7947	ABE	222.	Waco Mal—Thane Fogging Oil
7951	BLB	223.	Avenarius Carbolineum
7958	DOW	224.	Korlan Insecticide Backrubber Oil
7960	DOW	225.	Korlan Insecticide Household Spray
8006	NIB	226.	Pyrenone Fruit Fly Dust Insecticide
8016	KVL	227.	K-Vet Insecticidal Dog Shampoo
8026	GCP	228.	Green Cross Rose and Flower Guard
8036	CBA	229.	Copper Naphthenate—Wood Preservative
8037	NIB	230.	Pressurized Houseplant Insect Killer
8078	CHG	231.	Bay 29493 Pressurized Spray Ornamental Insecticide
8079	WAK	232.	Watkins Insect Repellent
8087	FRD	233.	Louse Grub Killer
8089	FRD	234.	Livestock Insecticide Bomb
8092	LAT	235.	Later's Special Industrial Pyrethrum Spray
8102	AMR	236.	Mist-Air Powder
8129	WIL	237.	Wilson's Fogging Spray Insecticide
8134	WEP	238.	Flybane—Aerosol Insecticide
8155	KEM	239.	Riddex Super Concentrated Insecticide
8158	NIB	240.	Niagara Malathion 4 Pyrethrin 0.1
8188	RAW	241.	Rawleigh Pyrethrin Fly Killer
8190	DAK	242.	Preservo Liquid Water Mildew
8192	BEA	243.	Beacon Dog and Cat Flea Powder
8198	CAO	244.	Bulldog Grip Green Wood Preservative
8214	CBL	245.	Carmill New Formula Concentrated Insecticide
8219	GAP	246.	Gardo No. 30 Pressurized Face Fly Spray
8226	VAR	247.	Cypro Mill Spray—Double Strength
8232	CBM	248.	Carbola White Disinfectant and Insecticide
8243	STF	249.	Magnetic 6 Flowable Sulfur Fungicide
8301	ARC	250.	Tangle Free Animal Beauty Bath
8308	FAP	251.	Repel Spray-Antimoustique
8314	RAL	252.	Purina Poultry Dusting Powder
8338	MOA	253.	Momar Residu-All Insecticide
8347	GEK	254.	Brantford Fly Spray
8357	CHP	255.	Chipman Face-Fly Pressurized Spray
8376	HAU	256.	Hartz Mountain Luster Bath for Cats
8378	HAU	257.	Hartz Mountain Rid Flea Dog Shampoo
8383	DOW	258.	Korlan Insecticide Dairy Cattle Spray

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8399	NIB	259.	Pyrenone 5-25 Insecticide Solution
8403	ORM	260.	Tenocide Pressurized Spray—Flea, Lice and Tick Killer
8426	MIJ	261.	Mid-West Insecticide Aerosol Spray
8440	SIC	262.	Sicop No. 774-420 Preservatif pour le bois
8464	SAN	263.	Sanfax 489 M Ready to Use Rat Killer
8465	VIN	264.	VioBin Prolin Rat & Mouse Killer Meal
8472	JOH	265.	Raid Rose and Flower Spray
8478	HAU	266.	Hartz Mountain Itch-Stop Dog Lotion
8483	RAL	267.	Purina Wound Protector—Livestock Bomb Insecticide
8484	SCO	268.	Mort-Aux-Rats Contenant Warfarin
8492	NIB	269.	Niagara Sevin 5 Dust Insecticide containing Carbaryl
8498	NOP	270.	Stag Insect Repellent
8512	REC	271.	Major Moth Balls
8515	INT	272.	Co-op Livestock Spray with Ronnel
8516	INT	273.	Co-op Aerosol House and Garden Insect Killer
8554	GEN	274.	Cuproid No. 1, Wood Preservative
8568	NAA	275.	Era Warfarin Rat Bait
8571	NAC	276.	National Chemsearch Aerosol Concentrate Insecticide
8578	WAK	277.	Watkins Quality Insecticidal Backrubber Oil
8586	AMW	278.	Amway Bug Pressurized Spray
8590	SHL	279.	Neutrol Emulsible Superior Spray Oil
8593	GEN	280.	Cuproid No. 3, Wood Preservative
8600	GEN	281.	Cuproid No. 2, Wood Preservative
8639	ELS	282.	Industrial Aerosol Insecticide
8653	NAC	283.	Chemsearch Chem-Fog Concentrate Insecticide
8668	PFC	284.	Fine Weed Killer Herbicide 197
8676	WIL	285.	Wilson's Prolin Rat and Mouse Killer Pellets
8679	GCP	286.	Green Cross Tantoo Liquid Insect Repellent
8685	NAC	287.	National Chemsearch Pyra Fog 100 Insect Spray
8695	WHA	288.	Wheat-Belt "Pure Mix" Ronnel Insecticide & Mineral Oil
8696	MBE	289.	Marquette Pressurized Spray for House and Garden Insects
8702	LAT	290.	Later's Back Rubber Oil with Ronnel
8713	CBA	291.	Zinc Naphthenate Wood Preservative
8718	POP	292.	Poulin's Prolin Rat Poison (Ready Mix)
8719	DTC	293.	Certified Citonella Oil B.P.C.
8722	MTC	294.	Fle-Ti-Cide Flea and Tick Killing Aerosol Spray
8725	PIT	295.	Sprecto Pressurized Spray Insecticide with Repellent
8744	WAK	296.	Watkins Rat and Mouse Killer Bait Station
8748	HAU	297.	Hartz Mountain Flea and Tick Killer for Cats
8749	POP	298.	Poulin's Bedbug and Beetle Doom
8765	NAC	299.	Eldrin Insecticide Water Emulsifiable Oil
8784	HAU	300.	Hartz Mountain Flea and Tick Killer
8785	KVL	301.	Rat Rid Rat Bait
8809	LAT	302.	Later's Spra-Brite Contains Ronnel for Insect Control
8812	JOH	303.	Johnson's Raid Space and Contact Insect Spray
8820	PRP	304.	Pre-sure Insect Repellent Aerosol Spray
8823	LAT	305.	Later's Prolin Mouse and Rat Killer
8825	GAP	306.	Gardo No. 24-p Prolin Pellets Ready to Use
8831	MAT	307.	Master Louse and Flea Powder—contains Rotenone
8832	MOR	308.	Odoral—Paradichlorobenzene—Moth Killer & Deodorizer
8834	HAU	309.	Hartz Mountain Flea Powder for Dogs
8839	ABE	310.	Waco Ratkill, Poison Bait for Rats and Mice
8855	VIN	311.	Prolin Rat and Mouse Killer (Pellets)
8857	BEA	312.	Beacon Prolin—Rat and Mouse Killer
8874	DOW	313.	Korlan 5G Insecticide Granules
8877	SHL	314.	Plaquette Vapona No-Pest Strip Insecticide
8907	COY	315.	Mort-aux-rats et souris "Unique"
8915	PLA	316.	Beef-eez Formula #3 Korlan Backrubber Oil Insecticide
8918	BOY	317.	Black Flag Patio and Picnic Spray

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
8921	GAP	318.	Gardo No. 35 Barn and Livestock Spray Residual Insecticide
8926	SAM	319.	Laurentide Cristaux a Mites
8944	WOB	320.	Wood's Air Freshener Paradichlorobenzene Block
8989	HAU	321.	Hartz Mountain Flea Killer Collar for Dogs and Cats
9021	HAC	322.	Hykro Keet Bath Flea Spray for Cage Birds
9023	HAC	323.	Hykro Flea Killer for Dogs and Cats
9043	TUC	324.	Flyvap Insect Killer Vapona Strip
9050	CHP	325.	Chipman Therma-Fog M-L Solution
9056	INT	326.	Co-op Vapor Fly Strip Containing Dichlorvos
9059	PFF	327.	Pfizer Ronnel Backrubber Oil
9060	PRP	328.	Pres-sure House and Garden Insecticide Aerosol Spray
9081	CHP	329.	Sevin 5% Dust General Purpose Insecticide
9083	KVL	330.	K-Vet Sevin Poultry and Livestock Insect Dust
9086	WOB	331.	Wood's Toilet Bowl Deodorizer
9091	BEC	332.	Bell's Rat Death (Contains Warfarin)
9100	REC	333.	Economy Paradichlorobenzene Moth Crystals
9101	NIB	334.	Niagara Warfarin Rat and Mouse Killer
9109	DOW	335.	Korlan Insecticide Livestock Dust containing Ronnel
9124	HOB	336.	Du-Du Mosquito Coils contains Pyrethrins
9135	TUC	337.	Poultry Pest Litter Dust contains 5% Carbaryl
9138	AMW	338.	Amway Perfumed Moth Crystals
9144	LAT	339.	Later's Pyrethrin Dust
9154	AMW	340.	Amway Pressurized D—15 Insect Repellent
9159	MBE	341.	Marquette Malathion 4 Poudre Insecticide
9162	GAP	342.	Mirol Shampoo for Dogs
9164	GAP	343.	Gardo Flea and Itch Powder for Dogs
9166	GAP	344.	Gardo Cat Flea Powder
9167	GCP	345.	Ant Killer containing Liquid Borax
9170	MBE	346.	Marquette Vapona Plaquette Insecticide Strip
9176	NIB	347.	Pressurized Pomogreen Flower Spray
9181	RAL	348.	Purina Vapona Strip containing Dichlorvos
9189	NOX	349.	Noxall Flea Powder for Dogs and Cats
9192	NAC	350.	Killzol Insect Spray
9194	MEN	351.	Cristaux de Paradichlorobenzene 99% "Antimites"
9203	JOH	352.	Off Pressurized Insect Repellent
9214	KVL	353.	K-Vet Flea Powder for Cats
9216	KVL	354.	K-Vet Flea Powder for Dogs
9217	GCP	355.	Green Cross House and Garden Insect Blaster
9221	WIL	356.	Wilson's Emulsifiable Dormat Oil Spray Superior Oil
9222	MBE	357.	Warfarin Plus Prolin
9228	WOB	358.	Insect-O-Strip Insecticide (contains Dichlorvos)
9230	SAG	359.	Pyronide 5 Space and Contact Insecticide
9237	HAC	360.	Hykro Pressurized Dry Shampoo for Dogs and Cats
9241	ARC	361.	Pressurized Flea Spray
9259	BRL	362.	"Sun Swallow" Brand Mosquito Killer Coils
9261	NIB	363.	Niagara Ant Trap with Kepone
9265	GAP	364.	Pressurized Flea and Tick Spray for Dogs and Cats
9272	MBE	365.	Marquette 5% Sevin (carbaryl) Dust Insecticide
9281	RAW	366.	Rawleigh Pressurized Insect Repellent
9303	ARC	367.	Pressurized Cat Flea Spray
9313	NIB	368.	Superior Oil 70 Emulsifiable Insecticide
9328	LAT	369.	Later's Indoor Insect Plant Bomb
9331	PEN	370.	Pestroy Aerosol Insecticide Space and Contact Spray
9360	NEO	371.	Diphacin (Ready Mix) Rat and Mouse Killer Bait
9363	LED	372.	Leitte Pyrenone (Jumbo) Aerosol
9371	ABE	373.	Waco Pyrenone Spray 5-25
9372	SAF	374.	Pro Vapo Fly Insecticide Strip
9374	HEG	375.	Heritage Roach Spray
9376	HEG	376.	Heritage Contact Insect Spray



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9385	NIM	377.	Redi-Nips (A prepared Prolin Bait) Kills Rats-Mice
9413	GAP	378.	Gardo No. 24M Prolin Meal
9430	CUT	379.	Cutter Insect Repellent Special Cream Formula
9433	JOH	380.	Off Insect Repellent
9435	JOH	381.	Off Pressurized Insect Repellent New Foam Type
9447	GEI	382.	Fly-Tox Pressurized Space and Contact Spray
9454	JOH	383.	Raid Buggy Whip Airborne Insecticide
9455	GAP	384.	Gardo Anti-Flea Collar with Lindane for Dogs and Cats
9460	BRG	385.	Rot Cop Wood Preservative
9461	HAU	386.	Hartz Mountain Luster Bath for Dogs
9463	HAU	387.	Hartz Mountain Luster Bath for Cats
9476	SMG	388.	Barr-Line Copper Naphthenate Green Preservative
9478	SMG	389.	Barr-Line Zinc Naphthenate Clear Preservative
9481	SAA	390.	"Wonder Spray" Malathion Solution Residual Insecticide
9488	FRD	391.	Cinch Fly Bomb for Horses
9502	BOY	392.	Black Flag Ant Traps with Kepone
9518	NIB	393.	Okanagan Dormant Oil Emulsifiable Insecticide
9542	BAT	394.	Bartlett Superior 70 Oil Emulsifiable Insecticide
9568	CBK	395.	White Guard Ronnel Insecticide Wettable Powder
9571	BEA	396.	Mindiso Luxurious Insecticidal Shampoo
9572	CHG	397.	Baygon Household Insect Spray
9573	CHG	398.	Baygon Household Insect Residual Pressurized Spray
9579	GCP	399.	Green Cross Animer V-101 Wettable Powder Miticide
9583	RON	400.	Cartwright's Wag Insecticide Shampoo for Dogs
9596	RON	401.	Cartwright's Insto-Rid Pressurized, Insect Spray for Pets
9597	REC	402.	Happy Home Paradichlorobenzene Moth Crystals
9601	INT	403.	Co-Op Insect Repellent—Pressurized Spray
9607	CHP	404.	Chipman Self-Emulsifying Superior Spray Oil 70
9609	RAW	405.	Rawleigh Sevin Garden Dust Insecticide
9610	GCP	406.	Green Cross Emulsifiable Spray Oil 70 Insecticide-Miticide
9611	COK	407.	Pararoma Moth Killer Cake contains Paradichlorobenzene
9612	PEB	408.	Chemitec C.B. Copper Base Preservative
9626	HAU	409.	Hartz Mountain Flea Soap for Dogs
9627	HEG	410.	Heritage Aerosol Insect Spray
9633	PAU	411.	Paula 410 Liquid Insect Repellent
9635	CAA	412.	Vapona Bande Insecticide
9647	BUK	413.	"Scram" Insect Repellent
9648	FAP	414.	Familex Aerosol House and Garden Insecticide
9654	MOA	415.	Momar Killersect Space and Contact Insecticide
9657	WEP	416.	Lazarus Residual Spray Insecticide
9658	WEP	417.	Lazarus Space and Cattle Spray Insecticide
9676	CHG	418.	Baytex 1% Granular Residual Mosquito Larvicide
9681	CER	419.	Certified Laboratories Certi-fog Insecticide Solution
9683	GCP	420.	Green Cross Warfarin Rat and Mouse Killer
9686	TRO	421.	Trojan Chemicals TRL 11
9703	ORM	422.	Flea Shampoo
9711	COI	423.	Aerosol Insect Killer Space and Contact Spray
9716	CER	424.	Sabreicide Insecticide Solution
9732	CER	425.	HC—200 Insect Spray Solution
9734	REC	426.	Happy Home Napthalene Mothballs or Moth Flakes
9748	JOH	427.	Raid Flying Insect Killer
9749	JOH	428.	Raid House and Garden Bug Killer
9752	MTC	429.	Canoline Flea and Louse Preparation
9754	JOH	430.	Yard Raid Pressurized Outdoor Fogger-Kills and Repels Insects
9756	LIO	431.	Lion Brand Mosquito Coils
9757	COI	432.	Pressurized House and Garden Insecticide
9758	TEX	433.	Texaco House and Garden Insecticide
9760	STY	434.	Star House and Garden Insecticide

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
9764	LEW	435.	Oak Lake Cattle Backrubber Liquid Concentrate
9769	TAI	436.	Cuprotect Clear Water Repellent Wood Preservative
9770	TAI	437.	Cuprotect Green Water Repellent Wood Preservative
9773	UAJ	438.	"6-12" Insect Repellent Towellette
9780	BOY	439.	Black Flag House and Garden Insect Killer
9781	BOY	440.	Black Flag Fly and Mosquito Killer-Pressurized Spray
9783	COS	441.	Liquid Roach Spray
9798	NOX	442.	Noxall Pressurized Cat and Dog Flea Spray
9799	CAV	443.	Extermo Jet Aerosol
9803	GRA	444.	Greenleaf Supreme Emulsifiable Foliage and Dormant Oil
9812	SAN	445.	Super Sanfax Insecticide Concentrate
9815	WAK	446.	Watkins Pressurized Spray for House and Garden
9817	NIB	447.	Niagara Pressurized Mosquito Repellent Spray
9819	DEA	448.	Deanco Timbergard Clear, Zinc Naphthenate
9820	DEA	449.	Deanco Timbergard Green, Copper Naphthenate
9822	SAK	450.	Purge Flying Insect Killer
9836	ABE	451.	Tossit Mosquito Larvicide Capsules
9850	MCX	452.	McEwen's Lice Killer
9852	UAJ	453.	Sevin 20 Percent Granular Insecticide
9864	MBE	454.	Marquette Chalet Fly Repellent Lotion
9868	ALT	455.	Insect Repellent Spray
9869	BOY	456.	Shoo Fly Insect Repellent Spray
9880	SHL	457.	Vapona Insect Ministrip
9883	RAX	458.	Prodon New Insect Killer
9887	STQ	459.	Stanley House and Garden Spray Insecticide
9890	REC	460.	Record Livestock Insecticide Spray
9891	HAU	461.	Hartz Mountain Wonder Dog Collar
9908	HAC	462.	Universal Flea-Off Shampoo
9915	KAL	463.	Kalium Extra-Tail Repellent Spray for Horses
9928	MOA	464.	Momar Super Concentrated "Klunk" Aerosol Insect Killer
9929	SAM	465.	Lauren-Sect Liquide repulsif d'insecte
9930	PEV	466.	"Fly Screen" Liquid Personal Insect Repellent
9931	WOB	467.	Wood's Cameo Air Freshener
9937	HOL	468.	Holcomb Insekon—100 Space and Contact Spray
9941	MOP	469.	Fleapet Shampoo Detergent for Dogs
9947	SAF	470.	Dyna-Fog M-L Liquid Insecticide Solution
9957	CHR	471.	Choisy Insecticide
9960	QUE	472.	Quinte Fogging Oil Insecticide
9962	MOP	473.	Malapet Flea Powder
9967	REX	474.	Rexall Pressurized Insect Repellent Spray
9968	NIB	475.	Niagara House and Garden Bug Killer
9979	GCP	476.	Green Cross Ant, Roach and Spider Blaster
9999	NIM	477.	Nip-Co Baygon Ant /Roach Nip Pressurized, Residual Ins. Spray
10007	MBE	478.	Chalet Vaporisant Anti-Moustiques
10033	MAZ	479.	Marc-o Rat and Mouse Killer
10034	COI	480.	House and Garden Space and Contact Spray Insecticide
10036	FAV	481.	Saular Bird Bath—Pressurized Spray Insecticide
10037	FAV	482.	Saular Flea Killer Pressurized Spray
10043	COQ	483.	Cooper Dri Kil Powder
10048	COQ	484.	Cooper Wipe-On Insecticide Solution
10052	COQ	485.	Cooper Pressurized Fly Spray for Horses and Show Stock
10055	COQ	486.	Cooper Prolin Rat and Mouse Killer Granules
10058	COQ	487.	Pulvex Pressurized Kitty and Cat Flea Spray
10059	COQ	488.	Pulvex Kil-A-Mite Cake
10063	CHA	489.	"Field" Brand Mosquito Coils
10074	REC	490.	Record's Spicule Formula 2H Liquid Spray
10075	REC	491.	Record's Pylorus Formula 4J Liquid Insect Spray
10076	REC	492.	Records Conspirator Formula M Liquid Insect Spray



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10078	NAC	493.	Squad Aerosol Insecticide
10079	ABE	494.	Waco All-Weather "Bait Blocks" Rodenticide
10080	NIM	495.	Nip-Co Rose and Flower Bomb. Insecticide-Miticide
10081	NIM	496.	Bug-Nip Pressurized House and Garden Bug Killer
10082	NIM	497.	Nip-Co Livestock Insecticide Bomb
10088	ALG	498.	All Canada Paradichlorobenzene—Moth Crystals
10089	WHM	499.	Whitmire's Flys-Off Aerosol Dairy Insecticide
10095	SHL	500.	Shell Flea Collar for Dogs contains Dichlorvos
10105	KEM	501.	Riddex 50-X Insecticide
10117	COQ	502.	Pulvex Pressurized Flea and Tick Spray
10118	COQ	503.	Pulvex Anti-Flea Collar for Cats
10119	COQ	504.	Pulvex Anti-Flea Collar for Dogs
10120	SAF	505.	Pyronide 33 Space and Contact Spray Insecticide
10122	LAT	506.	Later's House and Garden Insect Bomb
10124	LAT	507.	Later's Louse Powder—Insecticide
10125	INP	508.	Intertox—Anti Rot Solution Green for Wood
10126	INP	509.	Intertox—Anti Rot Solution Clear for Wood
10127	ABE	510.	Waco Sewer-Rat Bait Blocks Rodenticide
10140	HAU	511.	Hartz Mountain Rid Flea Dog Shampoo
10149	KEM	512.	Riddex M-L Fogging Insecticide Solution
10151	NIM	513.	Nip-Co Hab-It-Nip, Dog and Cat Repellent Spray
10152	NIB	514.	Dog-Gone-It, Dog and Cat Repellent Pressurized Spray
10153	HAU	515.	Hartz Mountain No!! Indoor Pet Repellent
10154	HAU	516.	Hartz Mountain No!! Outdoor Pet Repellent
10155	MED	517.	Dog Shield Repellent Spray
10156	COQ	518.	Pulvex Kitty, Cat and Dog Flea, Tick and Fungus Powder
10159	MBE	519.	Canine Poudre a Chien et Chat
10164	CBL	520.	Cardel Malthion 2% Back-Rubber Insecticide Solution
10168	SHL	521.	Shell Supreme 70 Summer Spray Oil Insecticide
10169	COQ	522.	Pulvex Pressurized Luster-Foam Dri-Shampoo
10170	COQ	523.	Pulvex 6 Use Dog Soap, contains Rotenone
10171	COQ	524.	Pulvex Pressurized Kitty and Cat Foam Shampoo
10172	COQ	525.	Pulvex Beauty Treatment Shampoo for Dogs
10180	FRD	526.	Cinch Wipe On Fly Repellent for Horses
10181	SAF	527.	Sanex Pro Industrial Aerosol
10182	LAT	528.	Later's Livestock Spray
10188	FAV	529.	Saular Anti-Flea Collar
10192	BPC	530.	BP Mineral Oil Carrot Spray
10193	OLB	531.	Ole Time Woodsmans Liquid Fly Dope
10194	OLB	532.	Ole Time Woodsmans Pressurized Fly Dope
10195	FRD	533.	Gay Pet Flea-Tick Powder for Dogs and Cats
10196	FRD	534.	Gay Pet Flea Tick Killer for Dogs and Cats
10208	SIC	535.	Sicop Incolore No 774-126
10209	HAC	536.	Hydro Hamster Bath Spray Mist
10213	NIB	537.	Dri-Die 67 Insecticide Powder
10214	NIB	538.	Drione Ant and Roach Destroyer Powder
10218	TRO	539.	Trojan Chemicals Fog-Sect
10219	TRO	540.	Trojan Chemicals Sect-O-Ban
10222	RAM	541.	Ramex Rat and Mouse Exterminator
10229	REC	542.	Record's Liquid Insect Spray Formula 4E
10235	WOB	543.	Wood's Pressurized Insect Repellent
10238	GCP	544.	Green Cross Jet Spray Hornet and Wasp Blaster
10240	CHG	545.	Bay 9010 0.25% Pressurized Dog and Cat Spray
10250	CBR	546.	Carmel Formula F-3 Insecticide Fogging Solution
10251	CBR	547.	Carmel Formula F-5 Insecticide Fogging Solution
10252	CBR	548.	Carmel Formula F-9 an Insecticide Fogging Solution
10254	SAN	549.	Sanfax Perma-Kill Liquid Insecticide
10255	SAN	550.	Sanfax Perma-Kill Aerosol Insecticide



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10259	TIM	551.	Time-Mist Insecticide Aerosol
10260	MAT	552.	Master Warfarin—Rat and Mouse Killer
10268	IMP	553.	Flit Mosquito Larvicidal Oil
10269	NOX	554.	Noxall Dog Flea Soap
10271	EAT	555.	Baker's All-Weather "Bait Blocks" Rodenticide
10273	FRD	556.	Gay Pet Dry Bath Foam for Dogs
10281	FAR	557.	Repel-X Fly Spray
10284	FAR	558.	Top-Gloss Pressurized Spray
10297	NOX	559.	Noxall Dog Flea Shampoo
10300	REC	560.	Record's Liquid Insect Spray Formula 4F
10311	BOY	561.	Black Flag Ant and Roach Killer Pressurized Spray
10312	VIN	562.	VioBin Rotekil Animal Louse Powder
10315	SAN	563.	Sanfax Super-Fog Liquid Insecticide
10316	INV	564.	Preservatif pour bois 5G-17 Velva-Glo Dark Green
10318	COP	565.	Federee Preservatif pour bois vert G-17 2% Cuivre
10321	LAV	566.	Laurentide Preservatif pour bois, vert G-17
10323	KEM	567.	Riddex Supreme Insecticide Solution
10328	ANI	568.	Halt! Dog Repellent Spray
10343	CUT	569.	Cutter Insect Repellent Foam
10345	SAN	570.	Super Sanfax Insecticide Concentrated Aerosol
10352	MBM	571.	Bob Martin's Antimate Fluid
10367	GCP	572.	Green Cross Pressurized Insect Killer
10371	NOX	573.	Noxall Scat's Off Cat and Dog Repellent Liquid
10372	FAR	574.	Farnam Flys-Away Fly Repellent Pressurized Spray
10373	FAR	575.	Farnam Flys-Away Animal Fly Repellent Wipes
10375	FAR	576.	Wipe Wipe-On Fly Repellent Liquid
10377	JOH	577.	Scent-Off Twist-Ons Dog and Cat Repellent
10378	LEO	578.	Tropi-Guard Aerosol
10381	SHL	579.	Shell Superior 70 Second Orchard Spray Oil
10384	CBR	580.	Carmel Formula F-4 Insecticide Fogging Solution
10386	MAT	581.	Master Warfarin—Rat & Mouse Killer Pellets
10388	GCP	582.	Green Cross Micro-Fine Sulphur Fungicide
10389	DIT	583.	Pyratex 101E Mill Spray Concentrate
10393	COI	584.	Pressurized House and Garden Space and Contact Spray
10394	STY	585.	Chasse Insectes Star—Insect Repellent
10398	IMP	586.	Flit House and Garden Bug Killer
10403	HAC	587.	Hykro Dog and Cat Repellent Spray
10405	HYD	588.	Dogonex Dog Repellent Indoor Pressurized Spray
10406	HYD	589.	Catonex Cat Repellent Indoor-Outdoor Pressurized Spray
10409	FAR	590.	Farnam Flys-Away Fly Repellent Stick
10415	INT	591.	Co-op Fly Killer Pressurized Space Spray
10420	HAC	592.	Universal Flea-Off Necklace for Dogs and Cats
10425	JIT	593.	Jito Repel-N
10426	OLD	594.	Ole Time Woodsmans Kampers Lotion
10434	RAL	595.	Purina Rub-On Liquid Horse Insecticide
10438	INT	596.	Co-op Kill Space Spray
10440	PEQ	597.	Pes-San Rat and Mouse Destroyer
10441	NOX	598.	Noxall Pressurized Cat and Dog Repellent
10443	PLG	599.	Plantco Dormant Oil Spray
10449	CBR	600.	Formula GE-34 an Insecticide Fogging Solution
10475	MEX	601.	Met-Scat Pressurized Insect Repellent
10480	GUM	602.	Gulf Insect Repellent
10487	COX	603.	L'Huile Repulsif Contre les Moustiques
10489	DAL	604.	Flair Flea and Tick Powder
10490	DAL	605.	Flair Flea and Tick Pressurized Spray
10494	DIV	606.	Diversey Number's Up Indoor & Outdoor Insect Killer
10499	MIC	607.	Michael's Insecticide Pressurized Spray
10501	CBR	608.	Formula MU-13 Insecticide Fogging Solution

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10503	CBR	609.	Carmel Formula L-10 Livestock Spray
10506	GUM	610.	Gulf Spray House and Garden Pest Killer
10509	ROP	611.	Rogar Flea and Tick Spray
10514	GEP	612.	Kop-R-Ceal Wood Preservative 30-650
10521	GEI	613.	Black Leaf Warfarin Rat Bait
10522	NOC	614.	Citronella Oil B.P.C. Black Fly and Mosquito Repellent
10523	PRE	615.	Remco Snare Insecticide
10524	DUT	616.	Quantromyicide Quaternary Ammonium Disinfectant
10527	MCC	617.	McClelland Warfarin Sure Kill Thro Paks Rodenticide
10528	FAR	618.	Farnam Grand Champion Instant Coat Brightener
10530	MCC	619.	McClelland Warfarin Sure Kill Thro Paks Rodenticide Meal
10535	FLB	620.	Flintkote Wood Preservative Green
10539	CAI	621.	Shur Gain Rat Kill Bait
10543	BOY	622.	Black Flag Insect Spray
10549	BRP	623.	Brock Pressurized Insecticide
10550	NIB	624.	Sevin All-Purpose Insect Dust
10551	ORM	625.	Liquacide Flea Killer Deodorant Spray
10554	SAN	626.	Sanfax Kilz-M—Residual Insecticide Spray
10555	NIB	627.	Pyrenone Fly Spray Concentrate Insecticide
10557	KEM	628.	Kem-San Roach Spray Concentrate
10559	GCP	629.	Green Cross Rose Dust
10560	GCP	630.	Green Cross Shrub and Evergreen Dust
10565	CHP	631.	Chipman Rose and Garden Dust Insecticide-Fungicide
10567	CHP	632.	Chipman Rose Dust or Spray Insecticide-Fungicide
10568	CHP	633.	Chipman Fruit Tree and Garden Dust or Spray
10570	WEP	634.	Aero-West Insecticide Aerosol Metered
10574	NIB	635.	Pressurized Wasp and Hornet Killer
10575	NIB	636.	Pressurized Spray Ant and Roach Killer
10586	SIO	637.	Cross Country All Purpose Dust or Spray Insecticide
10587	SHL	638.	Improved Plaqueette Vapona Insecticide No-Pest Strip
10589	WEP	639.	Liquid Insecticide Residual Spray Super Cidol
10591	BOY	640.	Black Flag Guaranteed Bug Killer
10595	CUT	641.	Fly Spray for Horses
10607	UAJ	642.	"6-12" Brand Insect Repellent Spray
10611	JON	643.	Scent-Off Pellets
10624	IBE	644.	One Time Insect Repellent Towelettes
10635	SAG	645.	Rodentkil—Wax Blocks
10641	GCP	646.	Green Cross Home & Garden Insect Blaster
10645	INT	647.	Co-op Sevin 5% Insecticide Dust
10648	KEM	648.	Riddex Formula M P B Insecticide Solution
10652	GCP	649.	Green Cross Dog and Cat Repellent
10684	DID	650.	Derma Dust
10685	DID	651.	Derma-Spray
10697	QUE	652.	"Quinte" Rat and Mouse Killer
10704	MBE	653.	Marquette Urinex Pressurized Dog and Cat Repellent
10706	HAC	654.	Universal Dog Flea Powder
10707	HAC	655.	Universal Cat Flea Powder
10709	KIN	656.	King 5% Sevin Dust
10713	CHP	657.	Ridsect House and Garden Pressurized Spray Insecticide
10723	CAY	658.	Zep Formula 60 Space and Contact Insecticide Spray
10724	SIO	659.	Cross Country Garden and House Pressurized Spray
10725	MBE	660.	Marquette Arbres Ornementaux et Haies Insecticide
10726	MBE	661.	Marquette Poudre a Rosier Insecticide et Fongicide
10737	MBE	662.	Poudre Insecticide Pour le Betail "X-Termin"
10738	LAT	663.	Later's Rat and Mouse Killer Pellets
10739	COS	664.	Dual Synergist Institutional and Garden Spray
10740	BEA	665.	Beacon Pet Repellent
10747	TWI	666.	Purge Concentrated Aerosol Spray
10748	FUB	667.	Fuller New House and Garden Formula Indoor-Outdoor



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10751	GCP	668.	Green Cross Fly Blaster Pressurized Spray
10760	KEM	669.	Riddex M-2 Residual Insecticide Solution
10761	KEM	670.	Riddex P-120 Insecticide Solution
10762	RON	671.	Cartwright's Bonanza Dog and Cat Repellent
10770	AIG	672.	Klobber Ant, Roach and Flying Insect Killer
10771	AIG	673.	Konk Flying Insect Killer
10777	BEM	674.	Para Piq Huile Contre les Moustiques
10781	REC	675.	Record's Green Wood Preservative Liquid
10785	PSA	676.	Reel Industrial Insecticide
10790	FUB	677.	Fuller Repel Gel
10795	DER	678.	GIT Dog and Cat Repellent
10802	TRO	679.	Trojan TRL-80 Mag-O-Ban Odour Control and Residual Insecticide
10803	COS	680.	Hi-Pressure Insect Bomb Fumigator-Exterminator
10810	PIT	681.	K.F.L. Insecticide Shampoo
10812	DIT	682.	Pyratex 405 Industrial Aerosol Insecticide
10814	DIT	683.	Pyratex 525 Space and Contact Insecticide
10822	KEM	684.	Riddex P-230 Thermo-Fog Thermal Fogging Solution
10831	GEK	685.	Brantford Fly Bomb
10836	DIT	686.	Pyratex Toptest Insect Spray
10838	REC	687.	Record's Odorzene Liquid Insecticide
10843	KEM	688.	Rid Pressurized Insecticide
10844	CAY	689.	ZEP 10-X Special Residual Insecticide Spray
10845	CAY	690.	Zeposector Dual Synergist Institutional and Garden Spray
10846	COS	691.	Insect Repellent Pressurized Spray
10854	HAE	692.	HC Sewer-Rat Bait Blocks
10855	HAE	693.	HC All-Weather Bait Blocks Rodenticide
10857	NIB	694.	Prolin Mouse Tubes For Killing Mice
10858	KEM	695.	Exterm Total Release Aerosol Insecticide
10859	TRM	696.	Flea and Tick Spray
10860	HAV	697.	Para Bomb M, Para Bomb M Jr. Insecticide
10861	HAV	698.	Ro-Dust Insecticide
10862	HAV	699.	Para S Bomb Insecticide Pressurized Spray
10863	HAV	700.	Fleatol Insecticidal Shampoo
10865	GCP	701.	Green Cross Residual Household Insect Spray
10872	MMC	702.	Sergeant's Skip-Flea Shampoo
10873	REC	703.	Mildew-Check
10875	MBE	704.	Insecticide Pour les Bestiaux Marquette
10878	UNR	705.	HRC Systemic Fungicide for Rust Control of Carnations
10880	MMC	706.	Sergeant's E-Z Groom Foam Shampoo for Dogs and Cats
10881	KEM	707.	Improved DED-RAT Prepared Rodenticide
10882	DIT	708.	Warfarin Bait Pellets or Meal Rat and Mouse Killer
10883	DIT	709.	Sulfarin Bait Pellets or Meal Rat and Mouse Killer
10888	CHG	710.	Baytex Fogging Insecticide contains Fenthion
10890	MMC	711.	Sergeant's Skip-Bath contains Methoxychlor
10893	DUT	712.	Finale Insecticide Spray
10894	IND	713.	Kil-Zem Institutional and Garden Spray
10901	MMC	714.	Sergeant's Skip-Flea Soap contains Rotenone
10902	MMC	715.	Sergeant's Sentry Dog Collar contains Dichlorvos
10908	HAV	716.	Para-Ban Pressurized Insecticide Spray
10913	GCP	717.	Green Cross Pellets Rat and Mouse Bait
10917	TRO	718.	Trojan TRB-591 Institutional and Garden Spray
10919	MMC	719.	Sergeant's Cat Flea Pressurized Spray
10920	MMC	720.	Sergeant's Flea and Tick Spray
10921	GCP	721.	Green Cross Dog and Cat Granular Repellent
10923	KEM	722.	Riddex P-100 Insecticide Solution
10932	SUD	723.	Liquid Chaperone Dog and Cat Repellent
10935	MMC	724.	Sergeant's Dog and Cat Collar Kills Fleas
10937	INJ	725.	Perma-Guard Grain or Seed Storage Insecticide Dust



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CODE NO.	COMPANY	ITEM	PRODUCT NAME
10938	INJ	726.	Perma-Guard Kleen Bin Insecticide Dust D-20
10939	INJ	727.	Perma-Guard Household Insecticide Dust D-20
10940	INJ	728.	Perma-Guard Garden and Plant Insecticide D-21
10941	DAC	729.	Warfarin Meal Feeder Rat and Mouse Bait
10942	DAC	730.	Warfarin Pellet Feeder Rat and Mouse Bait
10945	REX	731.	Multi-Purpose House and Garden Insect Killer
10950	SUD	732.	Chaperone Outdoor Repellent for Dogs and Cats
10955	KEM	733.	Ded-Rat All-Weather Bait Blocks Rodenticide
10956	KEM	734.	Ded-Rat Sewer Rat Bait Blocks Rodenticide
10958	CER	735.	Certified Multicide contains Malathion
10961	TUC	736.	Cowfly Powder contains Malathion
10962	GCP	737.	Green Cross Dog and Cat Flea Powder
10963	PIC	738.	Hawk Mosquito Coils
10967	MMC	739.	Sergeant's Flea and Tick Powder
10968	CRA	740.	Colin Ross Custom Formulation Insect Repellent
10987	ORM	741.	Theradex Solution Kills Fleas and Lice
10990	ACM	742.	Slick Insect Spray
10994	MIF	743.	Bay-O-Cide Residual Insecticide Solution
10996	GCP	744.	Green Cross Dormant Oil Spray
11004	JOH	745.	Off Insect Repellent
11007	UAJ	746.	6-12 Plus Brand Insect Repellent Liquid
11008	UAJ	747.	6-12 Plus Brand Insect Repellent Stick
11009	UAJ	748.	6-12 Plus Brand Insect Repellent Lotion
11010	UAJ	749.	6-12 Plus Brand Insect Repellent Spray
11020	ULR	750.	Pestarester Wasp Attractant for Use in Pestarester Wasp Trap
11021	BRF	751.	Blitz Fragrant House and Garden Bug Killer
11024	DIT	752.	Sulfarin Bait Blocks Rodenticide
11030	CER	753.	Certified Sabre Aerosol Insecticide Spray
11035	AVM	754.	Magna Space and Contact Insecticide Spray
11040	CHV	755.	Ortho Household Insect Spray
11041	CHV	756.	Ortho Yard and Patio Insect Fogger
11042	CHV	757.	Ortho Insect Repellent Pressurized Spray
11043	CHV	758.	Ortho Rotenone Dust or Spray
11044	CHV	759.	Ortho Sevin Garden Dust
11057	DIT	760.	FI-2 Fog Oil
11058	MIF	761.	Mill-O-Cide Insect Spray
11065	AEF	762.	Actol House and Garden Insecticide Pressurized Spray
11068	DUC	763.	Mr. Bebite House and Garden Insecticide Pressurized Spray
11069	MEX	764.	Meteor House and Garden Insecticide
11073	GCP	765.	Green Cross Fly Blaster
11074	CHA	766.	Field Brand Mosquito Coils
11078	NOR	767.	Hexapest Flea Shampoo
11079	HUL	768.	Bug Blast Institutional and Garden Spray
11081	WEP	769.	West Fog Liquid Insecticide
11082	TEC	770.	Chem Kill Concentrated Insecticide Space Spray
11083	INJ	771.	Perma-Guard Dairy Barn Insecticide Dust D-23
11085	KEM	772.	Riddex B-1 Residual Insecticide contains Baygon
11090	LAT	773.	Later's Sevin Dust Carbaryl Insecticide
11100	DIT	774.	Ditchling Wasp and Hornet Killer Pressurized Insecticide
11102	DIT	775.	Allatex 525 Space and Contact Insecticide
11105	JOH	776.	Raid Mosquito Coil
11106	JOH	777.	Bolt Insect Killer Pressurized Spray
11114	COS	778.	Wasp and Hornet Spray
11116	RIL	779.	Richardson's Rat-Mouse Pellets
11117	GEK	780.	Brantford Insecticide Pressurized Spray
11119	TEC	781.	Chem Kill—Industrial Insecticide Pressurized Spray
11121	KEM	782.	Riddex Mal-Fog Premium Thermal Fogging Insecticide
11122	SIR	783.	Bimotex Insecticide Dust contains Rotenone
11123	WEA	784.	Lawn Guard Dog Repellent Bar

PEST  
CONTROL  
PRODUCTS  
ACT (CANADA)

CODE NO.	COMPANY	ITEM	PRODUCT NAME
11124	TRO	785.	TRB 571 Wasp and Hornet Spray
11126	RIL	786.	Richardson's Dox 405 Industrial Aerosol
11127	RIL	787.	Richardson's Wasp and Hornet Blitz
11129	ADE	788.	S.K.R.K. Manufacturers Sure Kill Roach Bait
11123	FAR	789.	Farnam Horse Lice Duster
11136	VIT	790.	Lethaliare B-5 Bee-Wasp Killer
11140	NAC	791.	National Chemsearch Swat Insect Repellent
11146	JOH	792.	Raid Buggy Whip Airborne Insecticide
11150	ALT	793.	Insecticide a Betail Alsi
11160	WOB	794.	Indoor-Outdoor Insect Killer Pressurized Spray
11164	INT	795.	Co-op Prolin Rat and Mouse Killer Pellets
11165	SAG	796.	Sanex Fly Killer
11166	CHV	797.	Ortho Rose and Floral Spray
11170	NAC	798.	National Chemsearch Aquafoq
11171	NOX	799.	Noxall Pressurized Cat and Flea Spray
11172	NOX	800.	Noxall Dog Flea Shampoo
11177	JOE	801.	Johnson's Rat and Mouse Killer
11179	VEL	802.	Ramik Prepared Bait for Rat and Mouse Control
11180	CHP	803.	Chipman Warfarin Rat and Mouse Killer Meal Bait
11192	QUE	804.	Quinte Fogging Oil Insecticide
11193	JOH	805.	Raid Mosquito Coils contains Allethrin
11196	HAC	806.	Universal Dog Flea Off Soap
11201	DOW	807.	Dursban 1G Granular Insecticide
11204	JOH	808.	Raid Wasp and Hornet Spray with Baygon
11205	LAT	809.	Later's Bushman's Delight Mosquito Repellent
11206	MOA	810.	Klunk Aerosol Insect Killer
11207	CGC	811.	New Fly-Tox Bug Killer for House and Garden
11210	MBE	812.	Urinex repulsif granulaire (repousse chien et chat)
11215	THU	813.	Vet-Kemic Pet Spray
11216	NIB	814.	Pressurized Patio and Outdoor Insect Spray
11217	NIB	815.	Pressurized Insect Spray
11218	THU	816.	Vet-Kem Kemic Flea and Tick Powder
11219	REC	817.	Record's Insect Repellent
11223	LAT	818.	Later's 4% Malathion Dust—Insecticide
11227	WAK	819.	Watkins Mothproofer Pressurized Spray
11237	CHV	820.	Ortho Ant, Roach and Spider Spray Pressurized
11238	CHV	821.	Ortho Hornet and Wasp Jet Spray Pressurized
11250	NOT	822.	Screen Treat Pressurized Spray contains Ronnel
11257	THU	823.	Kemic Flea Medallion for Dogs
11260	WEP	824.	Residol Plus-2 Liquid Insecticide Residual Spray
11263	THU	825.	Starbar Thermoset Insect Strip
11277	FAP	826.	House and Garden Insecticide Maison et Jardin Pressurized Spray
11278	WEP	827.	Westicide Liquid Insecticide Residual Spray
11280	KEG	828.	Kelly Green Home and Garden Pressurized Insect Spray
11283	THU	829.	Vaporette Thermoset Insect Strip for Home and Office Use
11285	MBE	830.	Muscatox Insecticide pour la maison, contient du Baygon
11290	BAI	831.	Thuron (Institutional) Thermoset Insect Strip (Commercial)
11292	CMS	832.	Insect Killer Dual Synergist Pressurized Spray
11293	AEF	833.	Bio Lan Personal Insect Repellent Pressurized Spray
11294	AEF	834.	Shoppers Drug Mart Life Personal Insect Repellent Pressurized Spray
11295	AEF	835.	Zellers Personal Insect Repellent Pressurized Spray
11296	AEF	836.	Woolco Personal Insect Repellent Pressurized Spray
11297	HEG	837.	Heritage Aerosol Insecticide
11298	LEW	838.	Oak Lake Cattle Backrubber Liquid Concentrate contains Ronnel
11303	HAU	839.	Hartz Mountain Dog Defender
11304	HAC	840.	Universal Vaporette Flea Off Tag for Dogs

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CODE NO.	COMPANY	ITEM	PRODUCT NAME
11305	TWI	841.	Purge Concentrated Aerosol Flying Insect Killer
11306	GRG	842.	Quick-Kill Insecticide Aerosol
11309	SAN	843.	Bug-Off Insect Repellent Pressurized Spray
11311	AEF	844.	Shopper Drug Mart Life Brand House and Garden Insecticide
11317	ABE	845.	Waco Ratkill Poison Bait for Rats and Mice
11319	PPC	846.	Pet Products Company Flea Spray
11320	PPC	847.	Pet Products Company Flea Shampoo
11324	AEF	848.	Durable House and Garden Insecticide Pressurized Spray
11327	GCP	849.	House and Garden Insect Blaster
11328	BEN	850.	Wood Preservative—Green Containing Copper Naphthenate
11331	DOO	851.	Wood Preservative for Field Cuts
11332	DIS	852.	Warfarin Disparat Pellets Rat and Mouse Killer
11338	REL	853.	Agricide 74 Aerosol Stock and Dairy Spray
11344	MMC	854.	Sergeant's Sentry Flea Tag
11345	CBE	855.	Mastercraft Clear Wood, Rope and Fabric Preservative
11346	AMW	856.	Amway Multi-Purpose Bug Spray
11347	RED	857.	Defy Mosquito Repellent Cloth
11348	CAL	858.	Bug Off Custom Formulation Insect Repellent
11352	WEP	859.	Pyrosect Liquid Insecticide
11360	BIE	860.	Bikoe Dual Synergist Institutional and Garden Spray Insecticide
11361	NIB	861.	HY-X Liquid Sterilizer and Disinfectant
11362	STR	862.	Delta Dog Defender
11367	GUA	863.	Guardian Chemicals R.I.P. Insecticide Concentrate
11370	WEO	864.	Agro-Mist 1
11371	WEO	865.	Agro-Mist 11
11377	CAT	866.	Detect-A-Sect Aerosol Insecticide Spray
11378	MOM	867.	K.O. Insecticide Aerosol Spray
11379	STM	868.	Matchless Wood Preservative—Green 2% Copper
11381	INT	869.	Co-op Rat Killer Ready to Use Powder Bait
11383	WIL	870.	Wilson's Ant and Roach Spray
11384	WIL	871.	Wilson's Wasp and Hornet Spray
11388	MRP	872.	Royal Pro-Tech No. 730M400 Preservatif pour le bois (cuivre)
11393	JON	873.	Scent-Off Rub Stik Dog and Cat Deterrent
11394	NIB	874.	Rat Patrol Rat and Mouse Killer Bait
11395	SUP	875.	Supersweet Rodent-Rid contains Warfarin
11401	BOY	876.	Black Flag House and Garden Bug Killer
11402	TRO	877.	Trojan Chemicals TRB-505 Insect Repellent Pressurized Spray
11403	JET	878.	G-96 Brand Insect Repellent Spray Pressurized
11404	CUT	879.	Cutter Insect Repellent Pressurized Spray
11405	NIB	880.	Pressurized Liquid House Plant Insect Killer
11406	NIB	881.	Pressurized Liquid Multi-Purpose Insect Killer
11408	THU	882.	Trax M Rat and Mouse Bait
11409	HAG	883.	Ratu Rat and Mouse Killer Bait containing Prolin

 CLASSIFICATION OF FERTILIZERS CONTAINING PESTICIDE PRODUCTS  
 BY FERTILIZER ACT REGISTRATION NUMBER

 FERTILIZER  
 ACT (CANADA)  
 REGISTRATION  
 NUMBER

## CLASS "D" PRODUCTS

COMPANY	ITEM	PRODUCTS
Green Valley	884.	Green Valley Moss Killer 4-2-3 with Ferrous Sulphate
Buckerfield's Ltd.	885.	Buckerfield's Moss Killer 4-2-3 with Ferrous Sulphate



FERTILIZER  
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REGISTRATION

NUMBER	COMPANY	ITEM	PRODUCTS
1645	Green Valley	886.	Green Valley Moss Killer Spray 7-0-0
1843	Knapp Garden Spots	887.	Knapps Lawn Moss Killer 4-2-3 with Ferrous Sulphate
2082	Greenleaf Garden	888.	Greenleaf Moss Killer
2098	Pacific Agro Co.	889.	Agro Lawn Tonic & Moss Killer 9-3-6
	Kerr-McGee Chem.	890.	Three Elephant Tronabor Agr. Pentahydrate Borax

O. Reg. 119/73, s. 4, *part.*

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## Schedule 5

CODE NO.	COMPANY	ITEM	PRODUCT NAME
57	NIB	1.	Calcium Arsenate Insecticide
3015	CHP	2.	Chipman 15% Parathion Wettable Powder Insecticide
3024	NIB	3.	Parathion 15 Wettable Powder Insecticide
3197	STF	4.	Parathion 15-WP Insecticide
3379	BAT	5.	Bartlett Parathion 15% W.P.
3891	PLG	6.	Plantfume 103 Smoke Generator contains Sulfotep
4577	STF	7.	Parathion 4 Flowable Insecticide
5710	CHG	8.	Systox Spray Concentrate Systemic Insecticide
6719	CHG	9.	Guthion 25% Wettable Powder Crop Insecticide
6789	SHL	10.	Phosdrin Liquid Insecticide
7000	PFF	11.	Calsa Phosdrin Insecticide—Liquid
7022	RHD	12.	Chip-Cal Granular
7399	NIB	13.	Niagara Aqua Parathion 8 Emulsifiable Concentrate
7409	CHP	14.	Phosdrin Insecticide contains Mevinphos
7415	MBE	15.	Arseniate de Chaux Marquette Insecticide pour arrosage
7478	STF	16.	Parathion 8-F Insecticide Liquid Concentrate
7601	BAT	17.	Bartlett Phosdrin Insecticide
7868	PFF	18.	Calsa Parathion E M-2 Emulsifiable Concentrate Insecticide
7946	NIB	19.	Phosdrin Insecticide
8050	PHL	20.	Phostoxin Coated Tablets
8074	CHP	21.	Guthion 25% Wettable Powder
8106	CHG	22.	Guthion Spray Concentrate Crop Insecticide
8264	PFF	23.	Calsa 15% Parathion Wettable Powder Insecticide
8740	CHG	24.	Di-Syston Liquid Concentrate Systemic Insecticide
8779	PLG	25.	Plantfume Parathion Smoke Fumigators
8897	GCP	26.	Green Cross Phosphamidon Liquid Insecticide
9076	PLG	27.	Plant Products Phosphamidon 4.8 Spray & Soil Drench
9275	CHG	28.	Dasanit Spray Concentrate Insecticide
9276	PHL	29.	Phostoxin (Coated Pellets)
9519	CHG	30.	Di-Syston 15% Granular Systemic Insecticide
9913	BAD	31.	Parathion Emulsifiable Liquid Insecticide
10011	SHL	32.	Birlane Insecticide 25% Wettable Powder
10028	NIB	33.	Thiodan 4—Parathion 2E Insecticide
10101	CHG	34.	Guthion 50% Wettable Powder Insecticide
10363	NIB	35.	Furadan 4.8 Flowable Insecticide Liquid Concentrate
10392	CHG	36.	Systox-6 Liquid Concentrate Systemic Insecticide
10471	CYC	37.	Thimet 600 L.C.
10507	CHV	38.	Ortho Phosphamidon 9.6 Spray Insecticide
10609	STF	39.	Dyfonate 10G, An Organophosphorus Soil Insecticide, Granules
10741	SHL	40.	Birlane 40 Emulsible Concentrate Insecticide
10828	CHG	41.	Furadan 4.8 Flowable Systemic Insecticide Liquid Concentrate
10868	DUQ	42.	Du Pont Lannate
11144	NAP	43.	Carzol SP Miticide
11212	NIB	44.	Guthion 50-W Azinphos-Methyl Insecticide Wettable Powder
11334	PHL	45.	Phostoxin (Coated Tablets) for Ground Hog Control

O. Reg. 119/73, s. 4, *part.*

PEST  
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## Schedule 6

CODE NO.	COMPANY	ITEM	PRODUCT NAME
47	CSC	1.	Black Leaf 40 Nicotine Sulphate
6514	WEA	2.	Weedex Wonder Bar Chemical Weed Killer with 2,4-D
7024	WEA	3.	Weedex Wonder Stik 2,4-D Weed Killer
8277	CYC	4.	Cygon 4E
8453	NIB	5.	Pomogreen Dust for Insects and Disease
8457	NIB	6.	Tree and Shrubs Dust Insecticide
8611	DOW	7.	Zectran 2E Insecticide
8813	WIL	8.	Wilson Systemic Insecticide Granular contains Disulfoton
8829	NIB	9.	Gardenal Spray for Insects and Diseases
9199	INT	10.	Coop Grass 7 Weed Killer Granule
9482	NIB	11.	Driveway Granular Weed Killer
10256	CHV	12.	Ortho Triox Granular Vegetation Killer
10330	NIB	13.	Bordeaux Spray Wettable Fungicide
10657	GCP	14.	Green Cross Gardal Systemic Rose and Ornamental Spray
10665	CHV	15.	Ortho Super Weed-B-Gon Spray
10953	IMP	16.	Flit Weed Killer
11003	GCP	17.	Green Cross Granular Vegetation Killer
11011	CHV	18.	Ortho Weed-B-Gon-Bar
11012	CHV	19.	Ortho Weed-B-Gon Chickweed Bar

FERTILIZER  
ACT (CANADA)  
REGISTRATION

## FERTILIZER PESTICIDE MIXTURES

NUMBER	COMPANY	ITEM	PRODUCT NAME
1162	Chemagro Corp.	20.	Systemic 2 in 1 Rose Care 12-9-6 Rose Food with Insecticide
1628	So-Green Fertilizers	21.	So-Green Worksaver 7-9-5 Disulfoton 1% + Eptam 0.6%
1908	Simpson-Sears	22.	Cross Country Lazy Man's Rose and Flower Garden Miracle Worker
2059	Green Valley	23.	Green Valley 6-10-4 Systemic Rose and Flower Care
2061	Manchester Products	24.	Super Green 10-6-4 with 2,4-D
2063	Manchester Products	25.	Super Green 7-7-7 with 2,4-D
2072	Canadian Industries	26.	C-I-L Rose Doctor RX 6-9-6 with Eptam, Disulfoton, Chlordane
2083	Chevron Chemicals	27.	Ortho Systemic Rose and Flower Care 8-12-4 Plant Food
2085	Chevron Chemicals	28.	Ortho 3-Way Rose and Flower Care 8-12-4
2108	Canadian Industries	29.	C-I-L Rose Doctor 6-9-6 with Eptam, Disulfoton, Chlordane
2115	So-Green Fertilizers	30.	Rose Food plus Insect Control 7-9-5 Disulfoton 1%
2116	So-Green Fertilizers	31.	Evergreen Food plus Insect Control 12-10-10, Disulfoton 1%

## THE PESTICIDES ACT

**O. Reg. 120/73.**

General.

Made—February 8th, 1973.

Approved—February 21st, 1973.

Filed—March 6th, 1973.

REGULATION MADE UNDER  
THE PESTICIDES ACT

1. Items 5 and 6 of the Table to section 36 of Regulation 657 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

5	Group A	Extermination in an enclosed space or vault or under a tarpaulin on his own premises or the premises of his employer.	5
6	Group B and C, except pesticides referred to in Schedule 4 to Ontario Regulation 552/72	Extermination on his own premises or premises of his employer.	6
7	Group A, B and C	Extermination on his own premises or premises of his employer.	7

2. Subsection 1 of section 66 of Regulation 657 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Where a person performs a structural extermination using a pesticide referred to in Schedule 4 to Ontario Regulation 552/72, on his own premises or the premises of his employer, he is exempt from section 2 of the Act. O. Reg. 120/73, s. 2.

3. Regulation 657 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

*77a.* Where an extermination is performed from an airborne machine, the pilot of the airborne machine shall be licensed as a Class 7 exterminator or a Class 8 exterminator or both of them, as the case may be. O. Reg. 120/73, s. 3.

J. A. C. AULD

*Minister of the Environment*

Dated at Toronto, this 8th day of February, 1973.

(5037)

12

## THE PROVINCIAL COURTS ACT

**O. Reg. 121/73.**

Remuneration of Judges.

Made—February 28th, 1973.

Filed—March 6th, 1973.

REGULATION MADE UNDER  
THE PROVINCIAL COURTS ACT

1. Section 1 of Regulation 693 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 5/72, is revoked and the following substituted therefor:



1. On and after the first day of January, 1973, the salary range for a judge in a position referred to in column 1 of the Schedule shall be the salary range set opposite thereto in column 2. O. Reg. 121/73, s. 1.
2. The Schedule to Regulation 693 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 5/72, is revoked and the following substituted therefor:

Schedule

ITEM	COLUMN 1	COLUMN 2		
	Position	Salary Range		
		1	2	3
		\$	\$	\$
1	Chief Judge of Provincial Courts	27,850	29,500	31,500
2	Senior Provincial Judge	26,250	27,850	29,500
3	Provincial Judge, being a member of the bar of Ontario	24,650	26,250	27,850
4	Provincial Judge, not being a member of the bar of Ontario, who possesses at least 5 years experience on the Bench of the Provincial Courts	24,650	26,250	27,850
5	Provincial Judge, not being a member of the bar of Ontario, who possesses less than 5 years experience on the Bench of the Provincial Courts	21,400	23,000	24,650

O. Reg. 121/73, s. 2.

(5038)

12

THE MENTAL HEALTH ACT

O. Reg. 122/73.  
Application of Act.  
Made—February 28th, 1973.  
Filed—March 7th, 1973.

REGULATION MADE UNDER  
THE MENTAL HEALTH ACT

1.—(1) Schedule 1 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 94/72, is amended by adding thereto the following items:

12a. Downsview                      York-Finch General Hospital

17a. Hamilton                      McMaster University  
   Medical Centre

25a. London                        University Hospital,  
   London

(2) Item 33 of Schedule 1 to the said section 1 is revoked and the following substituted therefor:

33. Ottawa                        Royal Ottawa Hospital

(3) Schedule 1 to the said section 1 is amended by adding thereto the following item:

54a. Toronto                      Etobicoke General Hospital

2.—(1) Schedule 2 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970,

as remade by section 1 of Ontario Regulation 94/72, is amended by adding thereto the following item:

4a. Kitchener Sunbeam Home

- (2) Item 9 of Schedule 2 to the said section 1 is revoked.

3.—(1) Item 4 of Schedule 3 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 94/72, is revoked.

- (2) Schedule 3 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 94/72, and amended by section 1 of Ontario Regulation 169/72 and section 1 of Ontario Regulation 495/72, is further amended by adding thereto the following item:

10a. Toronto Integra Foundation

- (3) Item 14 of Schedule 3 to the said section 1 is revoked.

4. Item 4 of Schedule 4 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 94/72, is revoked and the following substituted therefor:

4. Downsview The Dellcrest Children's Centre

5. This Regulation shall be deemed to have come into force on the 1st day of January, 1973.

(5039)

12

### THE PUBLIC SERVICE ACT

#### O. Reg. 123/73.

General.

Made—January 25th, 1973.

Approved—February 28th, 1973.

Filed—March 7th, 1973.

### REGULATION MADE UNDER THE PUBLIC SERVICE ACT

1. Section 27 of Regulation 749 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

27.—(1) Notwithstanding subsection 1 of section 25, a deputy minister may authorize payment in lieu of compensating leave for overtime to a civil servant of a classification set out in Schedule 3, 4 or 5

and not set out in Schedule 7 or to a public servant appointed to Group 2 of the unclassified service who is normally entitled to compensating leave for overtime, for any period of overtime performed on or after the 1st day of June, 1964.

- (2) Where a deputy minister authorizes payment under subsection 1, the payment shall be,

(a) based on the salary the public servant was earning at the time the overtime was performed; and

(b) computed in the manner set forth in section 25. O. Reg. 123/73, s. 1.

CIVIL SERVICE COMMISSION:

W. A. B. ANDERSON

*Chairman*

Dated at Toronto, this 25th day of January, 1973.

(5040)

12

### THE APPRENTICESHIP AND TRADESMEN'S QUALIFICATION ACT

#### O. Reg. 124/73.

Steamfitters.

Made—February 28th, 1973.

Filed—March 8th, 1973.

### REGULATION MADE UNDER THE APPRENTICESHIP AND TRADESMEN'S QUALIFICATION ACT

#### STEAMFITTERS

1. In this Regulation,

(a) "certified trade" means the trade of steamfitter;

(b) "steamfitter" means a person who,

(i) lays out, assembles, installs, maintains or repairs any heating system, cooling system, process system or industrial system,

(ii) installs or connects piping in any building or structure,

(iii) installs the piping for any process, including a process that conveys gas, or the tubing for any pneumatic or airhandling system, or

- (iv) reads and understands design drawings, manufacturer's literature and installation diagrams for any system referred to in subclause i,

but does not include a person engaged in the manufacture of equipment or the assembly of a unit, prior to delivery to a building, structure or site. O. Reg. 124/73, s. 1.

2. The trade of steamfitter is designated as a certified trade for the purposes of the Act, O. Reg. 124/73, s. 2.

3. An apprentice training program is established for the certified trade and shall consist of five periods of related training and work experience training of 1800 hours for each period,

- (a) at full-time education day classes provided at a College of Applied Arts and Technology or in courses that, in the opinion of the Director, are equivalent thereto in the subjects contained in Schedule 1; and

- (b) in work experience training provided by the employer of the apprentice in the subjects contained in Schedule 2. O. Reg. 124/73, s. 3.

4. The subjects of examination for an apprentice in the certified trade are the subjects contained in schedules 1 and 2. O. Reg. 124/73, s. 4.

5. Any person who,

- (a) applies in the prescribed form for apprenticeship in the certified trade; and
- (b) works in the certified trade for three months or less is exempt from subsection 2 of section 10 of the Act. O. Reg. 124/73, s. 5.

6. The rate of wages for an apprentice in the certified trade whether for his regular hours or for hours in excess of his regular daily hours shall not be less than,

- (a) 40 per cent during the first period of training and instruction;
- (b) 50 per cent during the second period of training and instruction;
- (c) 60 per cent during the third period of training and instruction;
- (d) 70 per cent during the fourth period of training and instruction; and
- (e) 80 per cent during the fifth period of training and instruction,

of the average hourly rate of wages or its equivalent for journeymen employed by the employer in that trade and with whom the apprentice is working. O. Reg. 124/73, s. 6.

7. The number of apprentices who may be employed by an employer in the certified trade shall not exceed,

- (a) where the employer is a journeyman in the trade, one apprentice plus an additional apprentice for every three journeymen employed by the employer in the trade and with whom the apprentice is working; and
- (b) where the employer is not a journeyman in the trade, one apprentice for the first journeyman employed by the employer plus an additional apprentice for each additional three journeymen employed by the employer in the trade and with whom the apprentice is working. O. Reg. 124/73, s. 7.

8. Regulation 48 of Revised Regulations of Ontario, 1970 is revoked. O. Reg. 124/73, s. 8.



## Schedule 1

## STEAMFITTER

## In-School Training

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
1	Mathematics (Trade Related)	Mathematics	Addition, subtraction, multiplication, division of whole numbers, fractions, decimals. Metric system; conversion methods. Weights and measures. Ratio and proportion. Percentage, discounts, simple interest. Areas, volumes, linear, angular mensuration. Square root. Right angle triangle. Scale conversion. Simple equations and formulae calculations (tanks, pipes; capacities, rate of flow).
2	Science (Trade Related)	Physics	Properties of matter; solids, liquids, gases. Hydrostatics; atmospheric pressure, manometer, mercury barometer, gauge and absolute pressure, syphon principle. Hydraulics; Pascals Law, fluids under pressure. Gas laws; expansion and compression. Boyles Law, vacuum pump, compression pump. Work, energy and power; units of energy, horse power calculations. Basic electricity; amperes, voltage, resistance, Ohm's Law. Electron flow. Electromagnetism. Series and parallel circuits. Voltage drop. Conductors and insulators. Heat; temperature scales, heat capacity. Specific heat of solids, liquids, gases. Coefficients of expansion, expansion of gases, Charles Law. Changes of state; evaporation, condensation, freezing. Pressure effects, sensible and latent heats, B.T.U. graph. Heat transmission; radiation, convection, conduction. Properties of steam; sensible and latent heats, saturated and super-heated steam, heat content, mechanical equivalent of heat, heating plant efficiency, heat loss and prevention. Properties of materials; tensile and compressive stress. Basic metallurgy; ferrous and non-ferrous metals, corrosion, electrolysis, electro-potential series, welding effects.
3	English	Usage and Business Communication	Reading comprehension. Trade terminology, usage. Sentence, paragraph structure. Letter, report writing. Work and parts orders. Interpretation and use of manufacturer's manuals and job specifications. Oral communication.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
4	Drafting and Blue Print Reading	Basic Drafting and Interpretation	Use of lines, views, projections, sections, developments, dimensions, lettering. Threads and fasteners. Material specifications. Reading and interpretation of frame, masonry and concrete construction plans; materials, construction members, dimensioning, sections, elevations, details, scales, schedules, standard architectural symbols. Piping drawings; single line, double line, isometric. Pipe fabrication, piping and welding symbols. Steam and hot water systems. Boiler room and diesel engine piping, pipe hangers. Preparation of elementary trade related working drawings, dimensioned sketches, piping systems and layouts, material estimates.
5	Trade Practice  General	Safety	Safety rules and safe operating procedures. Protective clothing and equipment. First aid. Fire prevention location, use and maintenance of fire fighting equipment. <i>The Construction Safety Act. The Workmen's Compensation Act. The National Building Code of Canada. The Industrial Safety Act. The Boilers and Pressure Vessels Act. The Trench Excavators' Protection Act, The Energy Act</i> and the regulations thereunder. Handling and storage of flammable liquids, gases, acids and sealants. Safe use of lifting and hoisting equipment, pneumatic and electrical tools and equipment, welding equipment. Powder actuated tools. Good housekeeping.
		Hand Tools	Selection, care and use of hammers, screwdrivers, wrenches, wood saws, hacksaws, chisels and drill bits (metal, wood, masonry), files, hand shears, hand drills, pipe cutting, threading, reaming, flaring and bending tools.
		Power Tools, Equipment	Care and use of portable pneumatic and electric drills, grinders, circular and sabre saws. Power actuated tools. Pipe bending equipment (mechanical, hydraulic). Pipe cutting, reaming, threading equipment. Pedestal and bench grinders, abrasive cut-off tools. Grinding drill bits, cutting tools. Materials handling devices, scaffolds, ladders, ropes, cables, slings, hoists.
		Measuring Devices	Care and use of rules, tapes, builders' levels, calipers, micrometers, squares, straightedges, hand levels, plumb bobs.
6	Trade Practice	Erection Details	Heat source location. Direction and location of runs, risers, other features. Blueprint use, relevant codes, specifications.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
	Pipe Work	<p>Ferrous Pipe and Tubing</p> <p>(Cutting, Reaming and Threading)</p> <p>(Fitting Joints)</p> <p>Non-ferrous Pipe and Tubing</p> <p>(Making Joints)</p> <p>Non-metallic Pipe</p> <p>Hangers and supports</p>	<p>Types and uses; wrought iron, genuine wrought iron, galvanized, seamless, welded seam, steel, stainless steel. Weights; standard-schedule 40, extra strong-schedule 80, double extra strong-schedule 160. Nominal sizes and dimensions. Manufacturing methods, possible defects. Bending methods and allowances. Joining methods. Fitting types, sizes, uses. Threaded joints; pipe and fitting measurements, thread allowances, tolerances. Colour coding. Protection and storage.</p> <p>Pipe holding devices. Cutting oils. Hand and power cutting and reaming. Thread identification, usage, standard pipe threads. Hand and power threading procedures.</p> <p>Good piping practices. Assembly stresses, expansion and contraction. Thread lubricants. Making up pipe and fittings, installation and aligning.</p> <p>Types and uses; brass, copper, aluminum, bronze, nickel, monel, other. Sizes and weights. Protection and storage. Bending methods and allowances. Types, sizes and uses of fittings. Joint types. Effects of condensate, electrolysis, expansion and contraction, capillary action, oxidation. Pipe cutting, reaming and threading procedures. Thread lubricants. Pipe and fitting measurements, thread allowances.</p> <p>Pipe and tubing practices. Brazing methods. Hard and soft soldering, Silver soldering. Cleaning methods, fluxes. Heat application, working temperatures. Tube flaring methods.</p> <p>Types, properties, sizes, uses; polyethylene, bituminized fibre, glass. Protection and storage. Types of joints. Pipe and fitting measurements, allowances. Cutting, reaming and flaring methods. Making cemented and fused joints; capillary action, expansion and contraction. Pipe bending methods, allowances, stresses.</p> <p>Building structure details; pipe runs and hanging methods, hanger types and spacing. Hanger rods; standard rod sizes and bolt threads, hand and power cutting and threading methods.</p>



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		(Installation)	Concrete construction; inserts and setting methods. Cutting and drilling concrete. Anticipating locations. Use of stud guns and pin drivers. Co-operation with other trades. Steel structures; clamp types, standard bolts and nuts. Drilling steel joists. Use of stud guns and pin drivers. Wood construction; types and uses of bolts, lag and wood screws. Joist drilling and cutting methods. Construction methods for pipe, angle and channel iron supports. Fabricated and welded supports. Vibration and isolation springs. Flexible connections; applications, installation, short circuiting.
		Flanged Joints	Types and advantages; flanged fittings, valves, unions, companion flanges. Flange bolt types, material, sizes, threads. Threading pipe for flanges and joints. Cutting pipe for welded flanges. Preparing threaded flanges; use of pipe vise, drift pins. Gaskets and gasket materials; cutting methods. Flanged joint assembly; wrenches, lubricants, alignment, bolt tightening sequence. Misalignment effects.
		Expansion Accommodating Theory and Methods	Types, making up, locating, installation. Swing and scissors joints; piping direction changes, determining offsets. Expansion loops and bends; standard pipe bends, calculations and bending methods for circle, U, expansion U, double offset U bends.
		Pipe Welding and Fabrication	Mechanical expansion joints; bellows and sleeve types, manufacturers specifications. Expansion joint anchors; location, expansion direction. Anchoring methods; before and after concrete pouring, steel construction, underground. Guide types; installation, manufacturers recommendations.
		(Oxyacetylene)	Terminology. Safety practices. Relevant Boilers and Pressure Vessels Regulations, qualification tests. Welding and brazing rods, fluxes. Electrode types, classification, sizes, colour coding. Basic weld joints and symbols, pipe template development and use, plate and edge preparation distortion prevention, stress relieving. Weld faults.
		(Arc)	Equipment and operation; regulated pressures, flame types, purpose, adjustments. All-position welding and braze welding techniques. Manual torch cutting.
			A.C. and D.C. equipment types, operation, running maintenance. Polarity. Current requirements. Electrode selection factors. All-position single and multi-pass welding techniques.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
7	Hot Water Systems	<p>Roughing-in Procedures.</p> <p>Installing System</p> <p>(Roughing-in Pipe)</p> <p>(Zoning of System)</p> <p>(High Temperature Hot Water Systems)</p> <p>Boilers</p> <p>(Boiler Trim)</p> <p>(Hot water Converters)</p> <p>Expansion Tanks</p>	<p>Unit layout and requirements, blue print use. Hot water heating theory; gravity and forced. System types; direct return, reverse return, monoflo, perimeter, radiant, heating and cooling, high temperature, snow melting, greenhouse heating. Advantages and disadvantages. Calculating quantities, pipe capacities, heat losses. Use of U factor and pipe sizing tables.</p> <p>Planning necessary cutting and sleeving. Co-operation with other trades. Piping methods for; one pipe, up feed and down feed systems, reverse return, perimeter, radiant and high temperature hot water heating. Grading supply and return. Typical take-off connections. By-passing obstacles. Providing for pipe expansion; guiding, anchoring. Standard piping practices.</p> <p>Zoning theory and heat requirements. Length of circuits and balancing. Provision of circulators.</p> <p>On site fabrication of special fittings. Venting. Special installation requirements. Pump types; water cooled. Expansion provision; guiding and anchoring, advantages and disadvantages. Safety precautions and hazards.</p> <p>Sectional and package unit types; manufacturers specifications and rated capacities. Determining type and location from plans and specifications. Receiving, handling and erecting procedures for damage prevention, ease of maintenance. Making connections; headers (supply and return). Water supply; back syphonage prevention, provision for draining.</p> <p>Flow control valve. Operation of aquastats; single and multiple zone control. Safety features; pressure and temperature relief, pressure reducing (water), thermometers and location. Pressure gauge. Low water cut-offs. Circulators; types, necessity for use, water velocity, by-pass.</p> <p>Types and operation; steam and water connections, pressure reduction (water and steam).</p> <p>Locating considerations and purpose. Connections for venting, overflow, water level gauge, air inlet valve, open systems. Tank supports. Compression or cushion tanks; purpose, location, connections. Air charging Water-logging effects. Closed systems. Air control; air charging valve, boilertrol and airtrol fittings. Venting of systems; purpose, methods, types of vents. Manual venting.</p>

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		Radiation	Radiation theory, types, sizing. Heat transfer. Venting. E.D.R. and M.B.H. Use of U factor tables. Hanging wall type radiators. Types of hangers. Fastening to masonry, concrete, wood frame construction. Piping connections for supply and return. Proper placement. Controls. Installing radiators or convectors, unit heaters, baseboard heating, radiant panels, heating and cooling units.
		Miscellaneous Procedures	Installing controls; relief valve, temperature gauges, flow control valves, pressure regulating devices, pressure gauges, automatic valves; electric and pneumatic. Electric and pneumatic radiator valves, thermostats, aquastats. Venting of systems. Manufacturers specifications. Relevant codes and regulations.
		(Firing of boilers)	Combustion theory. Fuel types; coal, oil, gas. Firing controls. Draft regulation. Safety precautions, and applicable regulations.
		(Testing System)	Testing methods. Noise elimination. Balancing system. Responsibilities to contractor and owner. Good housekeeping. Precautions against using oxygen for testing.
8	Low Pressure Systems	Installation Procedures	Layout and requirements of systems; gravity and mechanical types. Advantages and disadvantages. Use of blueprints, specifications, piping and steam tables. Heat and friction losses. Use of manufacturers design data. Effect of air in system. Piping installation techniques; preparing for sleeving and inserts, co-operating with other trades. Grading and anchoring. Accommodating expansion. Hangers and supports. Necessity for drips and location.
		Steam Mains	
		(Return Mains)	Theory of returns; dry and wet returns, sub-atmospheric, gravity pump. Making return and boiler connections; standard practice. Proper grading. Scale and dirt elimination.
		(Risers)	Taking off connections, supporting. Expansion provision. Up feed and down feed connections.
		(Special Accessories)	Interpreting specifications and certified drawings. Air elimination devices. Design and function of return traps, equalizers and bleeders. Safety requirements, applicable codes.



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		Low Pressure Boilers	Blueprint use for building details, location of various units. Interpreting manufacturers specifications. Boiler types and construction; fire tube, water tube, cast iron. B.T.U. ratings. Boiler horse power. Boiler rating calculations. Heat loss causes. E.D.R. ratings. Provision for sufficient unit space, ease of maintenance. Boiler assembly sequence; good trade practices. Effects of air in system, elimination methods.
		(Connections and Trim)	Connections required for various heating systems. Steam headers; construction and purpose. Piping practices. Theory of return lines. Return headers. Safety practices. Trim installation; boiler code requirements. Local regulations. Manufacturers specifications. Safety equipment. Water feed connections; water pressure required and temperature effects, location of control and check valves. Water feeder types.
		(Cleaning and Testing)	Boiler operating procedures. Possible adjustments. Conditions requiring water treatment. Water testing and cleaning methods.
		(Operating and Start-up)	Electrical and fuel controls. Design and function of flues, breeching, chimney and draft controls. Safety practices. Instructions to owner. Peak boiler loads. Initial start-up procedures.
		Radiation	Position of units, building details. Use of blueprints and specifications. Radiation types; convectors, unit heaters. Wall hung radiators. Circulation. Heat loss factors. E.D.R. and B.T.U. ratings. Heat transmission; U factor tables. Piping connections.  Radiator valves; manual and automatic. Regulating fittings. Radiator traps; types, operation and maintenance, failure results. Venting radiation; manual and automatic air vents.
		(Piping Connections)	Ground floor and riser connections. Grading heating element. Length of branch run outs. 3-elbow swing joints. Grade on branches. Use of angle and vertical traps and valves, regulating fittings. Condensate eliminating methods. Riser expansion compensation. Down feed connections.
		(Steam Traps)	Theory of condensation return, steam traps. Location, types, operation and sizing. Testing methods; failure causes and effects. Water hammer. Trap connections for wall hung, floor mounted and recessed radiation.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
			Dripping of risers and steam mains. Connections for dry and wet returns. Boiler water level relationship. Thermostatic traps. Air elimination. Drip connections. Eccentric reducer use. Scale pockets; size and length. Connections for valve and strainer, float and thermostatic trap. Cooling legs. Expansion movement allowance.
		(Bucket Traps)	Theory and operation; installations requiring use. Piping and by-pass connections; necessary precautions.
		(Return Trap or alternate Receiver)	Operation of boiler return trap; piping connections. Piping connections to Hartfordloop and return main.
		Unit Heaters	Types and operation. Unit locations, building details, type of system and units. Hanging, supporting units, piping procedures. Conditions requiring recirculation ducts; sizing, E.D.R. ratings. Thermostat and starting switch operation, locating factors. Limit controls. Testing installation; adjusting controls, temperature fluctuation causes.
		(Cabinet Heaters and Window Units)	Types and operation. Blueprint, specification and shop drawing use. Piping connections. Controls and damper linkage adjustments. Combing and cleaning.
9	High Pressure Systems	Steam Supply Installation	Building and boiler room details. Unit location, type, capacity, setting specifications. Fire tube and water tube boilers. Super-heaters, economizers, condensers, deaerators. Steam table use. Pressure regulation devices.
		Boilers and Accessories	
		(Boiler Trim)	Use of specifications, schematic and working drawings. Applicable regulations. Piping connections to safety valves, blow-down valves, boiler header, gauges. Safety features; valves, low water cut-off. Blow-down valves, tanks and piping. Water columns. Steam separators. Fusible plugs; internal, external. Pressure gauge. Gauge glass.
		(Pipeline Accessories)	Piping symbols; significance and use. Controllers and regulators. Expansion joints; anchoring and guides. Steam headers. Pressure reducing stations. Condensate elimination. Exhaust heads. Back pressure valves.
		(Exhaust Steam Equipment)	Exhaust steam uses. Back pressure effects. Oil separators. Fluctuating pressure effect. Continuous service connections. Condensate elimination.
		(Power Equipment)	Piping connections to steam engines, turbines, water heaters and process equipment in hospitals, kitchens, laundries.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		<p>(Heating Equipment)</p> <p>(Firing of Boilers)</p> <p>Return and Accessories</p>	<p>Installing water supply. Pump types; turbine, reciprocating, centrifugal. Water treatment. Float and thermal controls. Injector. Water softeners. Feed water heaters; open, closed types.</p> <p>Combustion and fuels; coal, gas, oil. Firing, draft and combustion controls. Soot blower. Ash removal systems. Coal conveyors. Fuel supply; tower and bin feed stokers, light and bunker fuel oils, gas, pulverized coal. Oil piping and storage tanks. Oil pre-heater and pumping set types, connections.</p> <p>Condensate return; temperature, high pressure effects on piping and handling methods. Condensate cooler to vacuum return; specifications, piping and by-pass connections, air elimination. Flash tank to vacuum return; theory, piping connections, venting, types of controls. Designs and function of high pressure steam traps. Accumulator tanks; piping connections, venting methods, low return lines. Co-operation with electrical and plumbing trades. Designs of controls. Vacuum breakers.</p>
10	Process Piping	<p>Installation Procedures Piping</p> <p>Pumps</p> <p>Valves</p> <p>Miscellaneous Systems (Automatic Sprinkler)</p> <p>(Heating and Cooling)</p> <p>(Control Systems)</p>	<p>System requirements; blueprint and specification use. Action of chemicals on pipe materials. Pipe selection. Quantities, capacities, schedules for pressures. Pipe jointing methods.</p> <p>Types and location; centrifugal, rotary, reciprocating, injector. Vibration isolation. Base material, anchor bolt location and measurement checks. Pump shaft alignment with driving mechanism. Pump lubrication, seals, rotation. Volume and pressure rating tests. Leak detection.</p> <p>Location, type and construction; gate, globe, plug, cylinder, check, ball, butterfly, needle. Operating methods; manual, motorized, pneumatic, hydraulic. Use for controlling material flow, safety, automatic control, metering, venting, vacuum breaking. Valve servicing procedures.</p> <p>Regulations, codes. Locating, sizing pipe, sprinkler heads. Wet and dry systems.</p> <p>Piping systems. Free-standing heating and cooling coils. Controls. Place and set industrial equipment; cooling towers, absorption units, condensers and compressors.</p> <p>Purpose of various controls, sensing devices, thermostats, aquastats, humidistats.</p>



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		(Gas)	Piping systems for air, natural or manufactured gas, oxygen, acetylene, nitrogen, carbon dioxide, carbon monoxide. Applicable regulations and codes. Proper installation procedures, hanging, insulation, moisture elimination, material selection, special equipment.
		(Testing and Purging)	Local codes. Pressure requirements and procedures. Manufacturers specifications.
11	Pumps	<p>Installation</p> <p>Condensate and Circulating Pumps</p> <p>(Boiler Feed Pumps)</p> <p>(Pump Discharge)</p> <p>(Testing and Servicing)</p> <p>Vacuum Pumps</p> <p>(Lift Fittings)</p>	<p>Types and theory. Locating position. Conditions requiring pump use. Other trades co-operation. High temperature effects. Piping procedures. Alignment. Noise and vibration elimination.</p> <p>Required boiler water level. Return connections. Make-up water supply. Multiple boiler installations. Duplex pump connections. Suction head. Safety features. Vibration isolation.</p> <p>Length of discharge run. Sizing; use of friction loss tables. Pump pressure head calculations.</p> <p>Manufacturers specifications. Pump failure causes and effects. Lubrication, cooling, adjustments. Pump alignment and rotation. Electrical requirements.</p> <p>Types and operation. Location requirements. Heating system type. Condensate and vacuum system theory. Steam and condensate temperatures. Requirements for high pressure steam systems. Co-operation with electrical trade. Use of manufacturers specifications, working drawings. Installation and piping procedures. Discharge pipe sizing, friction loss. Pump negative and positive pressure. Boiler pressure. By-pass connections. Venting. Vacuum pump testing methods. Control adjustments; high and low limits. Noise and vibration elimination.</p> <p>Theory. Steam pressure and vacuum. Water hammer. Lift fitting types and connections.</p>
12	Controls and Valves	<p>Installation Procedures</p> <p>Operating Controls</p>	Location of units. Use of plans, blueprints, specifications, symbols. Valve designs and operation; manual, automatic. Piping connections; alignment and support. Location relationship to controlled unit. By-pass. Direction of flow effects. Co-operation with electrical trade. Circulator control. Testing controls; valve opening and closing methods, noise elimination, common faults and adjustment. Safety procedures.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		Safety Controls	System requirements, location of units. Safety controls, designs and operation; pressure reducing, temperature and humidity control, pressure relief, pressure regulating, steam control, check and non-return. Alignment and support. Direction of flow effects. Gauges; principles, manufacturers specifications. Local regulations, boiler codes. Motorized feed water control valve. Indoor-outdoor controls.
		(Pneumatic Controls)	System theory and operation. Compressors. Controllers. Controlled devices; fans, dampers, valves. Control panels. Pressure regulating control. Piping connections.
		(Valve Testing)	Correct operating characteristics. Common faults, necessary adjustments. Preventive maintenance.
13	Equipment Maintenance and Repair	Valves	Design and function of components. Packing types and purpose. Valve service ratings. Deterioration causes; pressure, temperature, corrosion, improper use, wire drawing. Trouble shooting, evaluating conditions. Repair and adjustment procedures. Preventive maintenance.
		Boilers	Operation and servicing; conditions and symptoms. Safe shut down procedures; normal, emergency (low water, relief valve failure). Cleaning methods; blow-down, scale removal. Boiler compounds. Water treatment. Manufacturers specifications.
		(Controls)	Cleaning and adjustment procedures. Boiler codes. Safety valves. Low water cut-off. Water columns. Automatic water feeder. Feed-water pump control. Firing and limit controls.
		(Fuel Quality)	Testing procedures. Characteristics of fuels and combustion. Elimination of combustion products. Chimney effect. Flues and breeching.
		(Repair or Replacement)	Economics and comparative costs. Safety considerations. Working with other trades.
		Heating Systems	Operation of systems. Trouble shooting procedures; common problems, causes, effects. Routine tests. Power source related problems. Isolating trouble. Shut down procedures; effects, local conditions, building type, usage. Protecting water coils and piping against freezing; draining, use of anti-freeze.
		(Steam Supply)	Adjusting to overcome related troubles; failure of controls, corrosion and scale, riser drips, steam pressure, venting, location of thermostats, building construction changes.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		(Return Lines)	Adjusting to correct trap failure, sagging or low spots, insufficient vacuum, corrosion and scale, condensate return to boiler.
		(Accessories)	Servicing procedures. Use of working drawings, manufacturers specifications. Miscellaneous valves; pressure reducing, pressure regulating; temperature, flow and zone control. Condensate receivers. Cushion tanks. Altitude gauge. Circulation pumps. Thermometers. Repairing valve and expansion joint leaks. Packing types and methods, parts replacement, safety precautions.
14	Underground Distribution Systems	Pipework	Underground system types; ric-wil, ebco, clay pipe installation, trycilite, durante, others. Installation methods. Curing, testing. Backfilling (materials). External corrosion of casings. Cathodic protection. Trenchwork safety precautions.
15	Rigging	Scaffolding and Ladders	Types, uses, safe handling, erecting and securing methods. Clearance from high voltage lines. Building and safety codes. Care and maintenance.
		Hoists	Types and use of chain hoists, rope blocks, winches, tripods. Anchoring hoists. Safe loads. Gin pole. Hooks. Air tuggers. Snatch blocks. Care and maintenance.
		Placing Equipment	Jacking, blocking procedures. Use of rollers. Lowering, raising and handling. Standard hoist signals.
		Ropes and Slings	Rope and cable sizes, materials, load capacities. Sling fabrication. Rope splicing, cable clamping, Knot tying.

O. Reg. 124/73, Schedule 1.



## Schedule 2

## STEAMFITTER

## Work Experience Training

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
1	Trade Practice (As detailed in Schedule I)	General	Safety rules and removal of all hazards. <i>The Construction Safety Act. The Workmen's Compensation Act. The National Building Code of Canada. The Industrial Safety Act. The Boilers and Pressure Vessels Act. The Energy Act</i> and the regulations thereunder. <i>The Trench Excavators' Protection Act.</i> Care and use of hand and portable power tools and equipment, measuring devices. Pipe work (ferrous, non-ferrous and non-metallic); cutting, reaming, threading, bending, flaring. Making, fitting and installing joints, flanges, expansion joints, hangers and supports. Pipe and tubing welding, cutting, brazing and soldering.
2	Hot Water Systems	Installing Systems	Familiarization with gravity and forced hot water heating theory and types of systems. Roughing-in piping. Zoning and balancing systems. High temperature hot water systems.
		Boilers	Setting and erecting sectional and package units. Making boiler connections. Installing boiler trim, circulators, hot water converters.
		Expansion Tanks	Installing expansion, compression and cushion tanks. Venting systems.
		Radiation	Familiarization with radiation theory. Installing radiators and convectors, unit heaters, base board heating, radiant panels, heating and cooling units.
		Miscellaneous Operations	Installing controls. Firing of boiler. Testing system. Balancing. Noise elimination.
3	Low Pressure Systems	Installing Systems	Familiarization with gravity and mechanical systems, theory of returns. Installing steam mains, return mains, risers. Special accessories.
		Boilers	Installing low pressure boilers. Boiler connections. Installing boiler trim. Making water feed connections. Cleaning and testing boiler, operating and initial start-up. Water tests and treatment.
		Radiation	Installation of convectors, wall hung radiators. Radiator valves, traps. Manual and automatic venting. Piping connections.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		Steam Traps	Installing and testing steam traps. Dripping of risers and steam mains. Installing bucket traps, return traps, alternate receivers.
		Unit Heaters	Installing unit heaters, cabinet heaters and window units. Thermostats. Testing installations.
4	High Pressure Systems	Steam Supply	Installing boilers and accessories, boiler trim. Pipeline accessories. Exhaust steam equipment. Piping connections to steam engines, turbines, water heaters and process equipment in hospitals, kitchens, laundries. Installing water supply to heating equipment; pumps, controls, injector. Feedwater heaters. Water treatment. Water softeners. Firing of boilers.
5	Process Piping	Return and Accessories	Installing condensate return, condensate cooler to vacuum return, flash tank to vacuum return, accumulator tanks.
		General	Selecting and installing pipe to carry various materials. Pump installation, alignment and testing. Valve installation and servicing.  Installing wet and dry automatic sprinkler systems to relevant codes. Heating and cooling piping systems and controls, cooling towers, absorption units, condensers and compressors. Miscellaneous gas piping systems. Testing and purging in accordance with relevant codes and specifications.
6	Pumps	General	Installing condensate, circulating and boiler feed pumps, pump discharge. Testing and servicing. Installing vacuum pump and testing. Installing lift fittings.
7	Controls and Valves	General	Installing operating controls and testing. Installing safety controls and accessories. Pneumatic control systems. Valve testing.
8	Equipment Maintenance and Repair	Valves	Evaluating deterioration. Repairing, repacking, re-seating, adjusting, lubrication. Preventive maintenance.
		Boilers	Servicing operations; familiarization with operation, conditions and symptoms, safe normal and emergency shut down. Cleaning boilers; blowdown, scale removal, boiler compounds and water treatment. Cleaning and adjusting boiler controls. Fuel quality tests. Economical and safe boiler repairs or replacement.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		Heating Systems	Familiarization with types and operation. Isolating trouble. Shutting down systems. Protecting against freezing. Correcting steam supply and return line troubles. Servicing pressure reducing and regulating valves; temperature, flow and zone control valves. Condensate receivers, cushion tanks, altitude gauges, circulation pumps, thermometers. Repairing valve and expansion joint leaks.
9	Underground Distribution Systems	Pipework	Familiarization with system types and installation. Curing, testing, backfilling. Cathodic protection of casings.
10	Rigging	General	Erecting scaffolding and ladders. Use of hoists, ropes, cables, slings. Placing equipment, use of hand signals. Care and maintenance of rigging equipment.

O. Reg. 124/73, Schedule 2.

(5043)

12

THE HIGHWAY TRAFFIC ACT

O. Reg. 125/73.

Designation of Freeze-Up Period Pursuant to Subsection 2 of Section 75 of *The Highway Traffic Act*.  
Made—March 7th, 1973.  
Filed—March 9th, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1. Pursuant to subsection 2 of section 75 of *The Highway Traffic Act*, I hereby designate the twelfth day of March, 1973 as the termination date for all of Ontario of the period designated on the first day of January, 1973, during which freeze-up allowances contained in subsection 1 of section 75 of *The Highway Traffic Act* was authorized. O. Reg. 125/73, s. 1.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 7th day of March, 1973.

(5044)

12

DESIGNATION OF FREEZE-UP PERIOD  
PURSUANT TO SUBSECTION 2 OF SECTION  
75 OF *THE HIGHWAY TRAFFIC ACT*

THE CHILD WELFARE ACT

O. Reg. 126/73.

General.  
Made—March 7th, 1973.  
Filed—March 9th, 1973.

REGULATION MADE UNDER  
THE CHILD WELFARE ACT

1. Regulation 86 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulation 320/71 is further amended by adding thereto the following section:



10c. For the purpose of section 17 of the Act, special needs of children are physical, mental, emotional, behavioural or other personality problems. O. Reg. 126/73, s. 1.

2. Form 2 of Regulation 86 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

Form 2

The Child Welfare Act

APPLICATION FOR SPECIAL GRANT  
UNDER SUBSECTION 5 OF SECTION 12 OF THE ACT

The.....applies for a special grant of \$....., under  
(name of municipality)

subsection 5 of section 12 of *The Child Welfare Act* to relieve in..... the  
(whole) or (part)

municipality that was unduly burdened in the year 19.... by reason of its liabilities under Part 1  
of the Act.

The municipality was unduly burdened, in the following respects, for the following reasons:

.....  
.....  
.....  
.....

Dated at.....  
this ..... day of ..... 19....  
(Signature of authorized officer)  
(name of municipality)

O. Reg. 126/73, s. 2.

3. Form 12 of Regulation 86 of Revised Regulations of Ontario, 1970, as amended by section 20 of Ontario Regulation 320/71, is revoked and the following substituted therefor:

Form 12

The Child Welfare Act

ORDER UNDER SECTION 26(a) OR  
27 (5) OF THE ACT

In the.....  
(name of court)

Before.....  
(name of judge) | .....day, the....day  
of....., 19....

In the matter of.....  
(name of child)

a child apparently in need of protection.

Child of.....  
(name of parent)

And in the matter of an application by.....  
(name of society)

.....

FINDINGS

I find,

(a) that.....  
(name of child)

is a child in need of protection;

(b) that the date of birth of the child is.....;

(c) that the religious faith of the child is.....;

(d) that the location where the child was taken  
into protection is.....

ORDER

I ORDER that the child be placed with

Section  
26(a)

or returned to.....  
(name of parent or other person)

on the.....day of .....,

19...., subject to supervision by the

Children's Aid Society of.....

for a period of.....  
(not less than 6 months

.....  
and not exceeding 12 months)

Statement of the facts upon which this decision is  
based:

.....  
.....  
.....  
.....

.....  
(signature of judge)

TERMINATION

The above order is terminated.

Section  
27(5)

.....  
(signature of judge)

Dated at.....,

this.....day of

....., 19...

O. Reg. 126/73, s. 3.

(5045)

12

# Publications Under The Regulations Act

March 31st, 1973

## THE NIAGARA PARKS ACT

O. Reg. 127/73.

General.

Made—January 17th, 1973.

Approved—March 7th, 1973.

Filed—March 13th, 1973.

## REGULATION MADE UNDER THE NIAGARA PARKS ACT

1. Subsection 9 of section 2 of Regulation 619 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(9) Subject to subsection 10, no person shall, within the Parks,

- (a) use abusive or insulting language, or conduct himself in the Parks in a manner that unnecessarily interferes with the use and enjoyment of the Parks by other persons;
- (b) throw stones or other missiles;
- (c) solicit patronage to or for any person, business rooming house, restaurant or hotel;
- (d) beg, solicit or invite subscriptions or contributions;
- (e) sell or offer for sale any article, thing or service unless authorized in writing by the Commission;
- (f) offer to any person or place on or in any vehicle, any piece of literature, brochure handbill, advertisement or other written material;

- (g) loiter anywhere from midnight to sunrise;
- (h) park a vehicle except in an area designated by the Commission for parking;
- (i) park a vehicle in a parking area designated by the Commission during hours other than those posted in the designated area;
- (j) park a vehicle between midnight and 6 a.m. in a place other than a camp-site designated by the Commission;
- (k) hunt, trap or molest any bird or animal; or
- (l) damage or destroy any notice posted.

(10) Clause *f* of subsection 9 does not apply to an officer.

(11) Where an officer believes on reasonable and probable grounds that a person has contravened subsection 9, he may remove the person from the Parks and the Commission may cancel any permits of the person pertaining to the Parks in which the contravention occurred.

(12) Where a permit is cancelled in accordance with subsection 11, the permittee is not entitled to fee, toll or admission charge.

(13) No person who has been removed from the Parks under subsection 11 shall within the following seventy-two hour period enter or attempt to enter the Parks from which that person was removed without permission of the Commission. O. Reg. 127/73, s. 1.

2. Item 2 of the Schedule to Regulation 619 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

2	Niagara Parkway	<p>(1) The southerly limit of Garrison Road in Fort Erie</p> <p>(2) The southerly limit of Bertie Street in Fort Erie</p> <p>(3) A distance of 250 feet northerly from Mechanic Street in the former Village of Chippawa</p> <p>(4) The northerly limit of Bender Street in Niagara Falls</p>
		<p>The southerly limit of Queen Street in Fort Erie</p> <p>The southwesterly limit of Main Street in Chippawa</p> <p>The northerly limit of Clifton Hill in Niagara Falls</p> <p>The southeasterly limit of Portage Road in Niagara Township at the entrance to Queenston Heights Park</p>



(5) The intersection of the south-westerly limit of Niagara Parkway produced with Portage Road at the entrance to Queenston Heights Park

(6) The southerly limit of that portion of the King's Highway known as Highway No. 8A

(7) The northerly limit of John Street in the Town of Niagara-on-the-Lake.

The southerly limit of that portion of the King's Highway known as Highway No. 8A

The intersection of the northerly limit of John Street in the Town of Niagara-on-the-Lake

The northwesterly limit of Wellington Street in the Town of Niagara-on-the-Lake.

THE NIAGARA PARKS COMMISSION:

F. M. CAIRNS  
*Vice-Chairman*

D. R. WILSON  
*Secretary*

Dated at Niagara Falls, this 17th day of January, 1973.

(5073)

13

THE FRESHWATER FISH MARKETING  
ACT (ONTARIO)

O. Reg. 128/73.

General.

Made—March 7th, 1973.

Filed—March 13th, 1973.

REGULATION MADE UNDER  
THE FRESHWATER FISH MARKETING  
ACT (ONTARIO)

1. Schedule 1 to Regulation 356 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

Schedule 1

In the territorial districts of Cochrane, Kenora and Thunder Bay described as follows:

Beginning at the intersection of the water's edge of Hudson Bay with longitude 86° 00'; thence southerly along longitude 86° 00' to the water's edge along the northerly shore of Lake Superior; thence in a northwesterly and southwesterly direction along that water's edge to the northerly shore of the Pigeon River; thence south astronomically to the

International Boundary between Canada and the United States of America; thence westerly along that International Boundary to the southerly production of the easterly boundary of the geographic township of Hartington in the Territorial District of Thunder Bay; thence northerly along that production and the easterly boundary of the geographic townships of Hartington, Lismore, Strange, Aldina, Sackville, Laurie and Blackwell to the centreline of that part of the King's Highway known as No. 11; thence easterly along that centreline to the centreline of that part of the King's Highway known as No. 17; thence northwesterly along that centreline to longitude 92° 30'; thence northerly along longitude 92° 30' to the northerly boundary of geographic township McIlraith; thence westerly along the northerly boundary of the geographic townships of McIlraith, Breithaupt, Daniel and Rowell to the northwesterly corner of the last-mentioned geographic township; thence northerly along the 6th Meridian to the 7th Base Line; thence westerly along that base line to the centreline of that part of the King's Highway known as No. 105; thence northwesterly along that centreline to latitude 51° 00'; thence westerly along that latitude to the Interprovincial Boundary between Ontario and Manitoba; thence northerly and northeasterly along that boundary to the water's edge of Hudson Bay; thence southeasterly along that water's edge to the place of beginning. O. Reg. 128/73, s. 1.

(5074)

13

## THE GAME AND FISH ACT

### O. Reg. 129/73.

Open Seasons—Deer, Moose and Black Bear.

Made—March 7th, 1973.

Filed—March 13th, 1973.

## REGULATION MADE UNDER THE GAME AND FISH ACT

1. Schedule 4 to Ontario Regulation 48/73 is revoked and the following substituted therefor:

### Schedule 4

1. The territorial districts of Timiskaming and Manitoulin except the Island of Manitoulin.

2. The Territorial District of Sudbury except the geographic townships of Rennie, Stover, Tp. 44 and part of the geographic townships of Leeson and Baltic lying northerly of a line drawn north  $56^{\circ} 34' 01''$  east from the southwesterly corner of the geographic Township of Leeson; the geographic Township of Victoria and that part of the geographic Township of Salter lying westerly of the westerly limit of the right-of-way of that part of the King's Highway known as No. 553.

- 3.—(1) That part of the Territorial District of Algoma described as follows:

Beginning at the northwesterly corner of geographic Township Tp. 23, Range 14; thence southerly along the westerly boundary of the last-mentioned geographic township to the southeasterly corner of geographic Township Tp. 24, Range 15; thence westerly along the southerly boundary of geographic townships Tp. 24, Range 15, Tp. 25, Range 15, Tp. 26, Range 15 and Home to the easterly limit of the right-of-way of the Algoma Central and Hudson Bay Railway Company; thence northwesterly, easterly and northerly following that right-of-way to the intersection with the high-water mark on the southerly bank of the Michipicoten River; thence in a westerly direction along that high-water mark to the high-water mark of Lake Superior; thence in a southeasterly direction following that high-water mark to the westerly production of the northerly boundary of the geographic Township of Herrick; thence easterly along that westerly production and the northerly boundary of the geographic townships of Herrick, Fisher, Tilley and Archibald to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Archibald to the northwesterly corner of the geographic Township of Marne; thence easterly along the northerly boundary of the geographic townships of Marne and Tp. 24, Range 11, to the westerly boundary of geographic Township Tp. 23, Range 11; thence northerly along that westerly boundary to the northwesterly corner of that geographic township; thence easterly along the northerly boundary of geographic townships Tp. 23, Range 11, Tp. 22, Range 11, Tp. 4H, and Tp. 4G

to the westerly boundary of geographic Township Tp. 4F; thence northerly along that westerly boundary to the northwesterly corner of that geographic township; thence easterly along the northerly boundary of geographic townships Tp. 4F and Tp. 4E to the westerly boundary of geographic Township Tp. 4D; thence northerly along that westerly boundary to the northwesterly corner of the last-mentioned geographic township; thence easterly along the northerly boundary of geographic townships Tp. 4D, Tp. 4C, Tp. 4B, Tp. 4A and X to the northeasterly corner of the last-mentioned geographic township; thence northerly along the easterly boundary of Y, Z and Tp. 7Z to the northeasterly corner of the last-mentioned geographic township; thence westerly along the northerly boundary of the geographic townships of Tp. 7Z, Tp. 7A, Tp. 7B, Tp. 7C, Tp. 7D, Tp. 7E, Tp. 7F, Tp. 7G, Tp. 7H, Tp. 22, Range 14 and Tp. 23, Range 14 to the place of beginning.

- (2) That part of the Territorial District of Algoma lying northerly, easterly and southerly of a line described as follows:

Beginning at the northwesterly corner of the geographic Township of Welsh; thence in an easterly direction along the northerly boundary of the geographic townships of Welsh and Matthews to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Matthews, to the northerly boundary of the geographic Township of Hambleton; thence easterly along that northerly boundary to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Hambleton to the northwesterly corner of the geographic Township of Strickland; thence easterly along the northerly boundary of the geographic townships of Strickland, Nameigos, Mosambik, Carney, Martin and Mildred to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the geographic Township of Mildred to the northwesterly corner of the geographic Township of Nebotik; thence easterly along the northerly boundary of the geographic townships of Nebotik and Conking to the northeasterly corner of the last-mentioned geographic township; thence southerly along the easterly boundary of the last-mentioned geographic township to the southeasterly corner thereof; thence westerly along the southerly boundary of the geographic Township of Conking 3 miles and 1584.0 feet; thence south  $56^{\circ} 34' 01''$  west to the southerly boundary of the geographic Township of Abigo.

4. That part of the Territorial District of Cochrane lying easterly of a line described as follows:

Beginning at the southwesterly corner of the geographic Township of Clavet; thence northerly along the meridian line run by Ontario Land Surveyor Niven in 1908 and its northerly production to the intersection with the centre of the main channel of the Albany River.



5. That part of the Territorial District of Nipissing lying northwesterly of a line described as follows:

Beginning at the intersection of the high-water mark of Lake Nipissing with the westerly production of the centreline of that part of the King's Highway known as No. 17B; thence easterly along that production and that centre line to the centre line of that part of the King's Highway known as No. 17; thence northerly along that centre line to the centreline of that part of the King's Highway known as No. 63; thence northeasterly along that centreline to the Interprovincial Boundary between Ontario and Quebec. O. Reg. 129/73, s. 1.

(5075) 13

### THE AGRICULTURAL ASSOCIATIONS ACT

#### O. Reg. 130/73.

Designation of Associations.

Made—March 7th, 1973.

Filed—March 13th, 1973.

### REGULATION MADE UNDER THE AGRICULTURAL ASSOCIATIONS ACT

1. Item 4 of the Schedule to Regulation 5 of Revised Regulations of Ontario, 1970 is revoked.

(5079) 13

### THE FARM PRODUCTS MARKETING ACT

#### O. Reg. 131/73.

Grapes for Processing—Plan.

Made—March 7th, 1973.

Filed—March 13th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

- 1.—(1) Clause *a* of section 2 of the Schedule to Regulation 323 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

- (a) "grapes" means grapes produced in Ontario, except grapes used for any purpose other than processing by a processor.

- (2) Clause *c* of the said section 2 is revoked and the following substituted therefor:

- (c) "processor" means a person engaged in the business of processing grapes.

2. Section 7 of the Schedule to Regulation 323 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

- 7.—(1) Producers are divided into six districts composed as follows:

1. District 1, consisting of the Town of Niagara-on-the-Lake, in the Regional Municipality of Niagara.
2. District 2, consisting of the City of St. Catharines, in the Regional Municipality of Niagara.
3. District 3, consisting of the Town of Lincoln, in the Regional Municipality of Niagara.
4. District 4, consisting of the Town of Grimsby and the Township of West Lincoln, in the Regional Municipality of Niagara.
5. District 5, consisting of the Judicial District of Niagara South, in the Regional Municipality of Niagara.
6. District 6, consisting of the County of Wentworth.

- (2) A producer in an area of Ontario not included in a district mentioned in subsection 1 may become a member of the district group of producers nearest to his place of production. O. Reg. 131/73, s. 2.

3. Section 8 of the Schedule to Regulation 323 of Revised Regulations of Ontario 1970 is revoked and the following substituted therefor:

8. Producers in each of the districts named in section 7 form a district group. O. Reg. 131/73, s. 3.

4. Section 11 of the Schedule to Regulation 323 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

11. On or before the 31st day of March in each year The Grape Growers' Committee may elect one producer-member to the local board from each of the districts mentioned in subsection 1 of section 7 and one producer-member to the local board from any of the districts mentioned in subsection 1 of section 7. O. Reg. 131/73, s. 4.

(5080) 13



### THE FARM PRODUCTS MARKETING ACT

**O. Reg. 132/73.**

Wheat—Plan.

Made—March 7th, 1973.

Filed—March 13th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1. Clause *b* of section 2 of the Schedule to Regulation 346 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(b) "wheat" means wheat of every variety produced in Ontario.

(5081)

13

### THE FARM PRODUCTS MARKETING ACT

**O. Reg. 133/73.**

Wheat—Marketing.

Made—February 20th, 1973.

Filed—March 13th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

- 1.—(1) Clause *b* of section 1 of Regulation 347 of Revised Regulations of Ontario, 1970 is revoked.

- (2) The said section 1 is amended by adding thereto the following clause:

(ca) "negotiating agency" means The Negotiating Committee for Wheat established by subsection 1 of section 14;

- (3) Clause *h* of the said section 1 is revoked and the following substituted therefor:

(h) "wheat" means wheat of every variety produced in Ontario.

2. Clause *b* of section 3 of Regulation 347 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(b) wheat sold by a producer directly to another producer and used by that other producer on his farm.

3. Subsection 1 of section 6 of Regulation 347 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) No person shall commence or continue to engage as a dealer in wheat except under the authority of a licence as a dealer in wheat in Form 5. O. Reg. 133/73, s. 3.

- 4.—(1) Section 9 of Regulation 347 of Revised Regulations of Ontario, 1970, as amended by section 2 of Ontario Regulation 20/72, is further amended by adding thereto the following subsection:

(3) Every producer shall pay to the local board not later than the 15th of any month, all licence fees payable by him in respect of wheat sold by him in the preceding month that were not deducted and forwarded to the local board under subsection 2. O. Reg. 133/73, s. 4, *part*.

(2) Subsection 4 of the said section 9 is revoked and the following substituted therefor:

(4) Every producer who produces and processes wheat shall, not later than the 15th day of January in any year, furnish to the local board a statement of the amount of all wheat that was produced by him and used for processing by him in the preceding year and shall state when such wheat was produced. O. Reg. 133/73, s. 4, *part*.

### THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 20th day of February, 1973.

(5082)

13

### THE FARM PRODUCTS MARKETING ACT

**O. Reg. 134/73.**

Tender Fruit for Processing—Plan.

Made—March 7th, 1973.

Filed—March 31st, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

- 1.—(1) Clause *a* of section 2 of the Schedule to Regulation 338 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(a) "processing" means the manufacture of tender fruit products or juice, beverage spirits or wine from tender fruit and includes canning, bottling, distilling, fermenting,

dehydrating, drying, freezing or processing with sugar or sulphur dioxide or any other chemical;

(2) Clause *d* of the said section 2 is revoked and the following substituted therefor:

(d) "tender fruit" means peaches, pears, plums and cherries produced in Ontario, except peaches, pears, plums and cherries used for any purpose other than processing by a processor.

2. Section 7 of the Schedule to Regulation 338 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

7. Producers are divided into five districts and the districts shall be comprised as follows:

1. District 1, comprising the Judicial District of Niagara North.
2. District 2, comprising the Judicial District of Niagara South.
3. District 3, comprising the counties of Halton, Peel and Wentworth.
4. District 4, comprising the counties of Essex, Kent and Lambton.
5. District 5, comprising the counties of Brant, Elgin and Norfolk. O. Reg. 134/73, s. 2.

3. Section 8 of the Schedule to Regulation 338 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

8.—(1) Producers in the Judicial District of Niagara South and in each of the counties named in Districts 3, 4 or 5 form a district or county group, as the case may be, but the producers in a county mentioned in Districts 3, 4 or 5 may by order of the local board be joined with the producers of any other county in the same district to form a county group.

(2) A producer in an area of Ontario not included in a district mentioned in section 7 may become a member of the district or county group of producers nearest to his place of production. O. Reg. 134/73, s. 3.

4. Section 10 of Regulation 338 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

10.—(1) On or before the 15th day of March in each year the district group in the Judicial District of Niagara South and each county group mentioned in Districts 3, 4 and 5 shall elect a

representative or representatives to the District Tender Fruit Growers' Committee on the basis of one representative for each fifty producers or fraction thereof.

(2) On or before the 15th day of March in each year the producers in the Town of Grimsby and the Township of West Lincoln, the Town of Lincoln, the City of St. Catharines and the Town of Niagara-on-the-Lake shall elect a representative or representatives to the District Tender Fruit Growers' Committee on the basis of one representative for each fifty producers or fraction thereof. O. Reg. 134/73, s. 4.

5. Section 11 of Regulation 338 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

11.—(1) On or before the 31st day of March in each year each District Tender Fruit Growers' Committee may elect, from the producers in the district, members to the local board as follows:

1. District 1, six members.
2. District 2, one member.
3. District 3, two members.
4. District 4, one member.
5. District 5, one member.

(2) No person is eligible for election from any district unless he is a producer in the district. O. Reg. 134/73, s. 5.

(5083)

13

## THE FARM PRODUCTS MARKETING ACT

### O. Reg. 135/73.

Tender Fruit for Processing—Marketing.

Made—February 20th, 1973.

Filed—March 13th, 1973.

## REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1.—(1) Clause *d* of section 1 of Regulation 339 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(d) "processing" means the manufacture of tender fruit products or juice, beverage spirits or wine from tender fruit and includes canning, bottling, distilling, fermenting, dehydrating, drying, freezing or processing with sugar or sulphur dioxide or any other chemical;

- (2) Clause *g* of the said section 1 is revoked and the following substituted therefor:

(g) "tender fruit" means peaches, pears, plums and cherries produced in Ontario except peaches, pears, plums and cherries used for any purpose other than processing by a processor.

THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 20th day of February, 1973.

(5084) 13

### THE CHILDREN'S MENTAL HEALTH CENTRES ACT

O. Reg. 136/73.

Application of Act.

Made—March 7th, 1973.

Filed—March 13th, 1973.

### REGULATION MADE UNDER THE CHILDREN'S MENTAL HEALTH CENTRES ACT

1. Clause *c* of subsection 4 of section 2 of Ontario Regulation 32/71 is revoked.

(5085) 13

### THE LOCAL ROADS BOARDS ACT

O. Reg. 137/73.

Establishment of Local Roads Areas.

Made—March 9th, 1973.

Filed—March 14th, 1973.

### ORDER MADE UNDER THE LOCAL ROADS BOARDS ACT

1. Schedules 21, 23, 35, 40, 59, 75, 80, 91 and 107 to Regulation 571 of Revised Regulations of Ontario, 1970 are revoked.
2. Schedule 150 to Regulation 571 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 1/71, is revoked.

3. Schedules 153, 155 and 169 to Regulation 571 of Revised Regulations of Ontario, 1970 are revoked.

4. Schedule 186 to Regulation 571 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 127/71, is revoked and the following substituted therefor:

### Schedule 186

#### PRINGLE LOCAL ROADS AREA

All those portions of the Township of Pringle and that portion of the Township of East Mills in the Territorial District of Parry Sound shown outlined on Ministry of Transportation and Communications plan N-1062-3, filled with the Registrar of Regulations at Toronto as No. 1535. O. Reg. 137/73, s. 4.

5. Schedule 188 to Regulation 571 of Revised Regulations of Ontario, 1970, as made by section 2 of Ontario Regulation 43/71, is revoked.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 9th day of March, 1973.

(5086) 13

### THE HIGHWAY TRAFFIC ACT

O. Reg. 138/73.

Speed Limits.

Made—March 7th, 1973.

Filed—March 14th, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Paragraphs 14 and 15 of Part 4 of Schedule 9 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

14. That part of the King's Highway known as No. 7 in the townships of McGillivray and East Williams in the County of Middlesex commencing at a point situate 630 feet measured easterly from its intersection with the easterly limit of the roadway known as Ness Street in the Village of Ailsa Craig and extending easterly therealong for a distance of 970 feet more or less.



15. That part of the King's Highway known as No. 7 in the townships of McGillivray and East Williams in the County of Middlesex commencing at a point situate at its intersection with the westerly limit of the Canadian National Railways' right of way and extending westerly therealong for a distance of 1225 feet more or less.
- Middlesex—  
Twps. of McGillivray and East Williams  
Village of Ailsa Craig

2.—(1) Paragraph 1 of Part 1 of Schedule 74 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 66 in the Territorial District of Timiskaming lying between a point situate 3000 feet measured westerly from its intersection with the westerly limit of the roadway known as Gold Avenue in the Town of Kirkland Lake and a point situate at its intersection with the easterly limit of the northerly junction of the King's Highway known as No. 11 in the Township of Eby.
- District of Timiskaming—  
Twps. of Eby  
Town of Kirkland Lake

(2) Paragraph 5 of Part 1 of the said Schedule 74 is revoked and the following substituted therefor:

5. That part of the King's Highway known as No. 66 in the Township of Lebel in the Territorial District of Timiskaming lying between a point situate 500 feet measured westerly from its intersection with the centre line of the roadway known as Main Street in the locality of King Kirkland and a point situate 1000 feet measured easterly from its intersection with the easterly limit of the westerly junction of the Ontario Northland Railway right-of-way.
- District of Timiskaming—  
Twp. of Lebel

(3) Part 2 of the said Schedule 74 is revoked and the following substituted therefor:

#### PART 2

1. That part of the King's Highway known as No. 66 in the Town of Kirkland Lake in the Territorial District of Timiskaming lying between a point situate 600 feet measured westerly from its intersection with the westerly limit of the roadway known as Goldthorpe Road and a point situate 700 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 112.
- District of Timiskaming—  
Town of Kirkland Lake

2. That part of the King's Highway known as No. 66 in the Town of Kirkland Lake in the Territorial District of Timiskaming lying between a point situate
- District of Timiskaming—

- Town of Kirkland Lake 1800 feet measured westerly from its intersection with the easterly limit of the King's Highway known as No. 112 and a point situate at its intersection with the easterly limit of the Ontario Northland Railway right-of-way.

3. That part of the King's Highway known as No. 66 in the Town of Kirkland Lake in the Territorial District of Timiskaming commencing at a point situate at its intersection with the westerly limit of the roadway known as Gold Avenue and extending westerly therealong for a distance of 3000 feet more or less. O. Reg. 138/73, s. 2 (3).
- District of Timiskaming—  
Town of Kirkland Lake

(4) Paragraph 4 of Part 4 of the said Schedule 74 is revoked and the following substituted therefor:

4. That part of the King's Highway known as No. 66 in the Township of Lebel in the Territorial District of Timiskaming commencing at a point situate at its intersection with the easterly limit of the westerly junction of the Ontario Northland Railway right-of-way and extending easterly therealong for a distance of 1000 feet more or less.
- District of Timiskaming—  
Twp. of Lebel

(5) Paragraphs 1 and 3 of Part 5 of the said Schedule 74 are revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 66 in the Town of Kirkland Lake in the Territorial District of Timiskaming lying between a point situate at its intersection with the westerly limit of the roadway known as Main Street and a point situate 250 feet measured easterly from its intersection with the easterly limit of the roadway known as Hilltop Drive East.
- District of Timiskaming—  
Town of Kirkland Lake

. . . . .

3. That part of the King's Highway known as No. 66 in the Town of Kirkland Lake in the Territorial District of Timiskaming commencing at a point situate 1800 feet measured westerly from its intersection with the easterly limit of the King's Highway known as No. 112 and extending easterly therealong for a distance of 2500 feet more or less.
- District of Timiskaming—  
Town of Kirkland Lake

(6) Paragraph 1 of Part 7 of the said Schedule 74 is revoked.

3.—(1) Paragraph 1 of Part 1 of Schedule 90 to Regulation 429 of Revised Regulations of

Ontario, 1970, as remade by subsection 1 of section 11 of Ontario Regulation 221/72, is revoked and the following substituted therefor:

- Perth and  
Huron—  
Town of  
Fullarton  
Town of Exeter
1. That part of the King's Highway known as No. 83 lying between a point situate at its intersection with the King's Highway known as No. 23 in the Township of Fullarton in the County of Perth and a point situate 3360 feet measured easterly from its intersection with the centreline of the King's Highway known as No. 4 in the Town of Exeter in the County of Huron.

- (2) Paragraph 1 of Part 5 of the said Schedule 90, as made by subsection 2 of section 11 of Ontario Regulation 221/72, is revoked and the following substituted therefor:

- Huron—  
Town of Exeter
1. That part of the King's Highway known as No. 83 in the Town of Exeter in the County of Huron lying between a point situate 3360 feet measured easterly from its intersection with the centreline of the King's Highway known as No. 4 and a point situate 200 feet measured westerly from its intersection with the westerly limit of the Canadian National Railways' right-of-way.

(5087)

13

## THE MINISTRY OF EDUCATION ACT

### O. Reg. 139/73.

General Legislative Grants.

Made—March 12th, 1973.

Approved—March 14th, 1973.

Filed—March 14th, 1973.

## REGULATION MADE UNDER THE MINISTRY OF EDUCATION ACT

1. Subparagraphs i and ii of paragraph 16 of section 1 of Ontario Regulation 80/73 are revoked and the following substituted therefor:

- i. \$52,500 in the case of a public school board or separate school board, or
- ii. \$123,500 in the case of a secondary school board.

THOMAS L. WELLS  
Minister of Education

Dated at Toronto, this 12th day of March, 1973.

(5105)

13

## THE MINISTRY OF EDUCATION ACT

### O. Reg. 140/73.

Reimbursement for Cost of Education in Territorial Districts or Crown Lands.

Made—February 19th, 1973.

Approved—March 14th, 1973.

Filed—March 14th, 1973.

## REGULATION MADE UNDER THE MINISTRY OF EDUCATION ACT

1. The heading to Regulation 202 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

### REIMBURSEMENT FOR COST OF EDUCATION AND FOR BOARD, LODGING AND TRANSPORTATION

2. Clause *a* of subsection 1 of section 1 of Regulation 202 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 531/71, is revoked and the following substituted therefor:

- (a) "cost of education" means the fee calculated under subsections 1, 2, 3 and 3a of section 72 of *The Schools Administration Act*;

3. Section 4a of Regulation 202 of Revised Regulations of Ontario, 1970, as made by section 1 of Ontario Regulation 29/72, is revoked and the following substituted therefor:

- 4a. Where a child,

- (a) is placed in a detention and observation home established under *The Provincial Courts Act*; or
- (b) being a ward of a children's aid society or in the care of a children's aid society, is placed, except for adoption on a probationary basis, in a home or residence,

that is not within the jurisdiction of the public or separate school board that is supported by the assessment of the residence of his parent or guardian, and

- (c) attends in the year 1972 or a subsequent year an elementary school,

the Minister shall reimburse the board that operates the school that the child attends for the cost of education of the child. O. Reg. 140/73, s. 3.

4. Section 9a of Regulation 202 of Revised Regulations of Ontario, 1970, as made by section 4 of Ontario Regulation 29/72, is revoked and the following substituted therefor:



9a. Where a child,

- (a) is placed in a detention and observation home established under *The Provincial Courts Act*; or
- (b) being a ward of a children's aid society or in the care of a children's aid society, is placed, except for adoption on a probationary basis, in a home or residence,

that is not within the jurisdiction of the secondary school board that is supported by the assessment of the residence of his parent or guardian, and

- (c) attends in the year 1972 or a subsequent year a secondary school,

the Minister shall reimburse the board that operates the school that the child attends for the cost of education of the child. O. Reg. 140/73, s. 4.

THOMAS L. WELLS  
Minister of Education

Dated at Toronto, this 19th day of February, 1973.

(5106)

13

#### THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

**O. Reg. 141/73.**

Order of the Minister.

Made—March 13th, 1973.

Filed—March 15th, 1973.

#### REGULATION MADE UNDER THE REGIONAL MUNICIPALITY OF SUDBURY ACT, 1972

IN THE MATTER OF the dissolution of certain boards of community centres and boards of recreation or park management in the area municipality of The Corporation of the City of Sudbury.

#### ORDER OF THE MINISTER

Under the provisions of subsection 1 of section 133 of *The Regional Municipality of Sudbury Act, 1972*, IT IS ORDERED:

1. The following boards and commissions are dissolved and their assets and liabilities shall be transferred to the area municipality of The Corporation of the City of Sudbury:

- 1. The Parks and Recreation Commission of the City of Sudbury.
- 2. The Sudbury Community Arena Commission. O. Reg. 141/73, s. 1.

2. The council of the area municipality of The Corporation of the City of Sudbury shall be deemed to be a recreation committee under *The Ministry of Community and Social Services Act* and the regulations thereunder. O. Reg. 141/73, s. 2.

3. The council of the area municipality of The Corporation of the City of Sudbury shall be deemed to be a board of a community centre under *The Community Centres Act*. O. Reg. 141/73, s. 3.

JOHN WHITE  
Treasurer of Ontario,  
Minister of Economics, and  
Intergovernmental Affairs.

Dated at Toronto, this 13th day of March, 1973.

(5107)

13

#### THE REGIONAL MUNICIPALITY OF WATERLOO ACT, 1972

**O. Reg. 142/73.**

Order of the Minister.

Made—March 13th, 1973.

Filed—March 15th, 1973.

#### REGULATION MADE UNDER THE REGIONAL MUNICIPALITY OF WATERLOO ACT, 1972

- 1. Ontario Regulation 5/73 is amended by adding thereto the following section:

3a. The assets and liabilities of the boards and commissions set out in items 1 to 8 of section 3 shall be transferred to the area municipality of the City of Cambridge. O. Reg. 142/73, s. 1.

JOHN WHITE  
Treasurer of Ontario,  
Minister of Economics and  
Intergovernmental Affairs

Dated at Toronto, this 13th day of March, 1973.

(5108)

13

#### THE LIQUOR CONTROL ACT

**O. Reg. 143/73.**

Detoxification Centres.

Made—March 14th, 1973.

Filed—March 16th, 1973.

#### REGULATION MADE UNDER THE LIQUOR CONTROL ACT

- 1. The Schedule to Ontario Regulation 455/72, as amended by Ontario Regulation 556/72, is further amended by adding thereto the following item:

4. The Detoxification Centre of St. Michael's Hospital, Toronto.

(5109)

13



# Publications Under The Regulations Act

April 7th, 1973

## THE PUBLIC COMMERCIAL VEHICLES ACT

O. Reg. 144/73.

General.

Made—March 14th, 1973.

Filed—March 19th, 1973.

### REGULATION MADE UNDER THE PUBLIC COMMERCIAL VEHICLES ACT

1.—(1) Paragraph 1 of subsection 1 of section 11 of Regulation 700 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 1 of Ontario Regulation 200/72, is revoked and the following substituted therefor:

1. For each motor vehicle operated under a Class A, C, D, K or T operating licence and having a gross weight of,

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
1 to 8,000	\$ 28.00	\$ 24.00	\$ 16.00	\$ 8.00
8,001 to 8,500	30.50	26.00	17.00	9.00
8,501 to 9,000	33.00	28.00	19.00	10.00
9,001 to 9,500	36.50	30.00	20.00	10.00
9,501 to 10,000	39.00	32.00	21.00	11.00
10,001 to 10,500	41.50	35.00	24.00	13.00
10,501 to 11,000	44.00	37.00	25.00	13.00
11,001 to 11,500	47.50	39.00	26.00	14.00
11,501 to 12,000	50.00	41.00	28.00	15.00
12,001 to 12,500	52.50	43.00	29.00	15.00
12,501 to 13,000	55.00	46.00	31.00	16.00
13,001 to 13,500	58.50	48.00	32.00	17.00
13,501 to 14,000	61.00	50.00	33.00	17.00
14,001 to 14,500	63.50	52.00	36.00	18.00
14,501 to 15,000	66.00	55.00	38.00	19.00
15,001 to 15,500	69.50	58.00	38.00	19.00
15,501 to 16,000	72.00	60.00	40.00	20.00
16,001 to 16,500	74.50	62.00	41.00	21.00
16,501 to 17,000	77.00	64.00	43.00	22.00
17,001 to 17,500	80.50	66.00	44.00	22.00
17,501 to 18,000	83.00	69.00	46.00	24.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
18,001 to 18,500	\$ 85.50	\$ 71.00	\$ 48.00	\$ 25.00
18,501 to 19,000	88.00	73.00	49.00	25.00
19,001 to 19,500	91.50	75.00	50.00	26.00
19,501 to 20,000	94.00	77.00	52.00	27.00
20,001 to 20,500	96.50	80.00	53.00	27.00
20,501 to 21,000	99.00	82.00	55.00	28.00
21,001 to 21,500	102.50	84.00	57.00	29.00
21,501 to 22,000	105.00	86.00	58.00	29.00
22,001 to 22,500	107.50	88.00	60.00	30.00
22,501 to 23,000	110.00	92.00	61.00	31.00
23,001 to 23,500	113.50	94.00	62.00	31.00
23,501 to 24,000	116.00	96.00	64.00	32.00
24,001 to 24,500	118.50	98.00	65.00	33.00
24,501 to 25,000	121.00	101.00	68.00	35.00
25,001 to 25,500	124.50	103.00	69.00	35.00
25,501 to 26,000	127.00	105.00	70.00	36.00
26,001 to 26,500	129.50	107.00	72.00	37.00
26,501 to 27,000	132.00	109.00	73.00	37.00
27,001 to 27,500	135.50	112.00	74.00	38.00
27,501 to 28,000	138.00	114.00	76.00	39.00
28,001 to 28,500	140.50	116.00	77.00	39.00
28,501 to 29,000	143.00	118.00	80.00	40.00
29,001 to 29,500	146.50	120.00	81.00	41.00
29,501 to 30,000	149.00	123.00	82.00	41.00
30,001 to 30,500	151.50	125.00	84.00	42.00
30,501 to 31,000	154.00	128.00	85.00	43.00
32,001 to 31,500	157.50	130.00	86.00	43.00
31,501 to 32,000	160.00	132.00	88.00	44.00
32,001 to 32,500	162.50	135.00	90.00	46.00
32,501 to 33,000	165.00	137.00	92.00	47.00
33,001 to 33,500	168.50	139.00	93.00	47.00
33,501 to 34,000	171.00	141.00	94.00	48.00
34,001 to 34,500	173.50	143.00	96.00	49.00
34,501 to 35,000	176.00	146.00	97.00	49.00
35,001 to 35,500	179.50	148.00	98.00	50.00
35,501 to 36,000	182.00	150.00	100.00	51.00
36,001 to 36,500	184.50	152.00	102.00	51.00
36,501 to 37,000	187.00	154.00	104.00	52.00
37,001 to 37,500	190.50	157.00	105.00	53.00
37,501 to 38,000	193.00	159.00	106.00	53.00
38,001 to 38,500	195.50	161.00	108.00	54.00
38,501 to 39,000	198.00	163.00	109.00	55.00
39,001 to 39,500	201.50	167.00	110.00	55.00
39,501 to 40,000	204.00	169.00	113.00	56.00
40,001 to 40,500	206.50	171.00	114.00	58.00
40,501 to 41,000	209.00	173.00	116.00	59.00
41,001 to 41,500	212.50	175.00	117.00	59.00
41,501 to 42,000	215.00	178.00	118.00	60.00
42,001 to 42,500	217.50	180.00	120.00	61.00
42,501 to 43,000	220.00	182.00	121.00	61.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
43,001 to 43,500	\$223.50	\$ 184.00	\$ 122.00	\$ 62.00
43,501 to 44,000	226.00	186.00	125.00	63.00
44,001 to 44,500	228.50	188.00	126.00	63.00
44,501 to 45,000	231.00	191.00	128.00	64.00
45,001 to 45,500	234.50	193.00	129.00	65.00
45,501 to 46,000	237.00	195.00	130.00	65.00
46,001 to 46,500	239.50	198.00	132.00	66.00
46,501 to 47,000	242.00	201.00	134.00	68.00
47,001 to 47,500	245.50	203.00	135.00	68.00
47,501 to 48,000	248.00	205.00	137.00	69.00
48,001 to 48,500	250.50	207.00	138.00	70.00
48,501 to 49,000	253.00	209.00	140.00	71.00
49,001 to 49,500	256.50	212.00	141.00	71.00
49,501 to 50,000	259.00	214.00	142.00	72.00
50,001 to 50,500	261.50	216.00	145.00	73.00
50,501 to 51,000	264.00	218.00	146.00	73.00
51,001 to 51,500	267.50	220.00	147.00	74.00
51,501 to 52,000	270.00	223.00	149.00	75.00
52,001 to 52,500	272.50	225.00	150.00	75.00
52,501 to 53,000	275.00	227.00	152.00	76.00
53,001 to 53,500	277.50	229.00	153.00	77.00
53,501 to 54,000	281.00	231.00	154.00	77.00
54,001 to 54,500	283.50	234.00	157.00	79.00
54,501 to 55,000	286.00	237.00	158.00	80.00
55,001 to 55,500	289.50	239.00	159.00	80.00
55,501 to 56,000	292.00	241.00	161.00	81.00
56,001 to 56,500	294.50	244.00	162.00	82.00
56,501 to 57,000	297.00	246.00	164.00	83.00
57,001 to 57,500	300.50	248.00	165.00	83.00
57,501 to 58,000	303.00	250.00	167.00	84.00
58,001 to 58,500	305.50	252.00	169.00	85.00
58,501 to 59,000	308.00	255.00	170.00	85.00
59,001 to 59,500	311.50	257.00	171.00	86.00
59,501 to 60,000	314.00	259.00	173.00	87.00
60,001 to 60,500	316.50	261.00	174.00	87.00
60,501 to 61,000	319.00	263.00	176.00	88.00
61,001 to 61,500	322.50	266.00	178.00	90.00
61,501 to 62,000	325.00	268.00	179.00	90.00
62,001 to 62,500	327.50	270.00	181.00	91.00
62,501 to 63,000	330.00	273.00	182.00	92.00
63,001 to 63,500	333.50	275.00	183.00	92.00
63,501 to 64,000	336.00	278.00	185.00	93.00
64,001 to 64,500	338.50	280.00	186.00	94.00
64,501 to 65,000	341.00	282.00	187.00	94.00
65,001 to 65,500	344.50	284.00	190.00	95.00
65,501 to 66,000	347.00	286.00	191.00	96.00
66,001 to 66,500	349.50	289.00	193.00	97.00
66,501 to 67,000	352.00	291.00	194.00	97.00
67,001 to 67,500	355.50	293.00	195.00	98.00



Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
67,501 to 68,000	\$ 358.00	\$ 295.00	\$ 197.00	\$ 99.00
68,001 to 68,500	360.50	297.00	198.00	99.00
68,501 to 69,000	363.00	300.00	201.00	101.00
69,001 to 69,500	366.50	302.00	202.00	102.00
69,501 to 70,000	369.00	304.00	203.00	102.00
70,001 to 70,500	371.50	306.00	205.00	103.00
70,501 to 71,000	374.00	310.00	206.00	104.00
71,001 to 71,500	377.50	312.00	207.00	104.00
71,501 to 72,000	380.00	314.00	209.00	105.00
72,001 to 72,500	382.50	316.00	211.00	106.00
72,501 to 73,000	385.00	318.00	213.00	107.00
73,001 to 73,500	388.50	321.00	214.00	107.00
73,501 to 74,000	391.00	323.00	215.00	108.00
74,001 to 74,500	392.50	325.00	217.00	109.00
74,501 to 75,000	396.00	327.00	218.00	109.00
75,001 to 75,500	399.50	329.00	219.00	110.00
75,501 to 76,000	402.00	332.00	222.00	112.00
76,001 to 76,500	404.50	334.00	223.00	112.00
76,501 to 77,000	407.00	336.00	225.00	113.00
77,001 to 77,500	410.50	338.00	226.00	114.00
77,501 to 78,000	413.00	340.00	227.00	114.00
78,001 to 78,500	415.50	343.00	229.00	115.00
78,501 to 79,000	418.00	346.00	230.00	116.00
79,001 to 79,500	421.50	348.00	231.00	116.00
79,501 to 80,000	424.00	350.00	234.00	117.00
80,001 to 80,500	426.50	352.00	235.00	118.00
80,501 to 81,000	429.00	355.00	237.00	119.00
81,001 to 81,500	432.50	357.00	238.00	119.00
81,501 to 82,000	435.00	359.00	239.00	120.00
82,001 to 82,500	437.50	361.00	241.00	121.00
82,501 to 83,000	440.00	363.00	242.00	121.00
83,001 to 83,500	443.50	366.00	244.00	123.00
83,501 to 84,000	446.00	368.00	246.00	124.00
69,001 to 69,500	366.50	302.00	202.00	102.00
69,501 to 70,000	369.00	304.00	203.00	102.00
70,001 to 70,500	371.50	306.00	205.00	103.00
70,501 to 71,000	374.00	310.00	206.00	104.00
71,001 to 71,500	377.50	312.00	207.00	104.00
71,501 to 72,000	380.00	314.00	209.00	105.00
72,001 to 72,500	382.50	316.00	211.00	106.00
72,501 to 73,000	385.00	318.00	213.00	107.00
73,001 to 73,500	388.50	321.00	214.00	107.00
73,501 to 74,000	391.00	323.00	215.00	108.00
74,001 to 74,500	392.50	325.00	217.00	109.00
74,501 to 75,000	396.00	327.00	218.00	109.00
75,001 to 75,500	399.50	329.00	219.00	110.00
75,501 to 76,000	402.00	332.00	222.00	112.00
76,001 to 76,500	404.50	334.00	223.00	112.00
76,501 to 77,000	407.00	336.00	225.00	113.00
77,001 to 77,500	410.50	338.00	226.00	114.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
77,501 to 78,000	\$ 413.00	\$ 340.00	\$ 227.00	\$ 114.00
78,001 to 78,500	415.50	343.00	229.00	115.00
78,501 to 79,000	418.00	346.00	230.00	116.00
79,001 to 79,500	421.50	348.00	231.00	116.00
79,501 to 80,000	424.00	350.00	234.00	117.00
80,001 to 80,500	426.50	352.00	235.00	118.00
80,501 to 81,000	429.00	355.00	237.00	119.00
81,001 to 81,500	432.50	357.00	238.00	119.00
81,501 to 82,000	435.00	359.00	239.00	120.00
82,001 to 82,500	437.50	361.00	241.00	121.00
82,501 to 83,000	440.00	363.00	242.00	121.00
83,001 to 83,500	443.50	366.00	244.00	123.00
83,501 to 84,000	446.00	368.00	246.00	124.00
84,001 to 84,500	448.50	370.00	247.00	124.00
84,501 to 85,000	451.00	372.00	249.00	125.00
85,001 to 85,500	454.50	374.00	250.00	126.00
85,501 to 86,000	457.00	377.00	251.00	126.00
86,001 to 86,500	459.50	379.00	253.00	127.00
86,501 to 87,000	462.00	382.00	255.00	128.00
87,001 to 87,500	465.50	384.00	256.00	128.00
87,501 to 88,000	468.00	387.00	258.00	129.00
88,001 to 88,500	470.50	389.00	259.00	130.00
88,501 to 89,000	473.00	391.00	261.00	131.00
89,001 to 89,500	476.50	393.00	262.00	131.00
89,501 to 90,000	479.00	395.00	263.00	132.00
90,001 to 90,500	481.50	398.00	266.00	134.00
90,501 to 91,000	484.00	400.00	267.00	134.00
91,001 to 91,500	487.50	402.00	268.00	135.00
91,501 to 92,000	490.00	404.00	270.00	136.00
92,001 to 92,500	492.50	406.00	271.00	136.00
92,501 to 93,000	495.00	409.00	273.00	137.00
93,001 to 93,500	498.50	411.00	274.00	138.00
93,501 to 94,000	501.00	413.00	275.00	138.00
94,001 to 94,500	503.50	415.00	278.00	139.00
94,501 to 95,000	506.00	418.00	279.00	140.00
95,001 to 95,500	509.50	421.00	280.00	140.00
95,501 to 96,000	512.00	423.00	282.00	141.00
96,001 to 96,500	514.50	425.00	283.00	142.00
96,501 to 97,000	517.00	427.00	285.00	143.00
97,001 to 97,500	520.50	429.00	286.00	143.00
97,501 to 98,000	523.00	432.00	288.00	145.00
98,001 to 98,500	525.50	434.00	290.00	146.00
98,501 to 99,000	528.00	436.00	291.00	146.00
99,001 to 99,500	531.50	438.00	292.00	147.00
99,501 to 100,000	534.00	440.00	294.00	148.00
100,001 to 100,500	536.50	443.00	295.00	148.00
100,501 to 101,000	539.00	445.00	297.00	149.00
101,001 to 101,500	542.50	447.00	299.00	150.00
101,501 to 102,000	545.00	449.00	300.00	150.00
102,001 to 102,500	547.50	451.00	302.00	151.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
102,501 to 103,000	\$ 550.00	\$ 455.00	\$ 303.00	\$ 152.00
103,001 to 103,500	553.50	457.00	304.00	152.00
103,501 to 104,000	556.00	459.00	306.00	153.00
104,001 to 104,500	558.50	461.00	307.00	154.00
104,501 to 105,000	561.00	464.00	310.00	156.00
105,001 to 105,500	564.50	466.00	311.00	156.00
105,501 to 106,000	567.00	468.00	312.00	157.00
106,001 to 106,500	569.50	470.00	314.00	158.00
106,501 to 107,000	572.00	472.00	315.00	158.00
107,001 to 107,500	575.50	475.00	316.00	159.00
107,501 to 108,000	578.00	477.00	318.00	160.00
108,001 to 108,500	580.50	479.00	319.00	160.00
108,501 to 109,000	583.00	481.00	322.00	161.00
109,001 to 109,500	586.50	483.00	323.00	162.00
109,501 to 110,000	589.00	486.00	324.00	162.00
110,001 to 110,500	591.50	488.00	326.00	163.00
110,501 to 111,000	594.00	491.00	327.00	164.00
111,001 to 111,500	597.50	493.00	328.00	164.00
111,501 to 112,000	600.00	495.00	330.00	165.00
112,001 to 112,500	602.00	498.00	332.00	167.00
112,501 to 113,000	605.00	500.00	334.00	168.00
113,001 to 113,500	608.50	502.00	335.00	168.00
113,501 to 114,000	611.00	504.00	336.00	169.00
114,001 to 114,500	613.50	506.00	338.00	170.00
114,501 to 115,000	616.00	509.00	339.00	170.00
115,001 to 115,500	619.50	511.00	340.00	171.00
115,501 to 116,000	622.00	513.00	342.00	172.00
116,001 to 116,500	624.50	515.00	344.00	172.00
116,501 to 117,000	627.00	517.00	346.00	173.00
117,001 to 117,500	630.50	520.00	347.00	174.00
117,501 to 118,000	633.00	522.00	348.00	174.00
118,001 to 118,500	635.50	524.00	350.00	175.00
118,501 to 119,000	638.00	527.00	351.00	176.00
119,001 to 119,500	641.50	530.00	353.00	176.00
119,501 to 120,000	644.00	532.00	355.00	178.00
120,001 to 120,500	646.50	534.00	356.00	179.00
120,501 to 121,000	649.00	536.00	358.00	180.00
121,001 to 121,500	652.50	538.00	359.00	180.00
121,501 to 122,000	655.00	541.00	360.00	181.00
122,001 to 122,500	657.50	543.00	362.00	182.00
122,501 to 123,000	660.00	545.00	363.00	182.00
123,001 to 123,500	663.50	547.00	365.00	183.00
123,501 to 124,000	666.00	549.00	367.00	184.00
124,001 to 124,500	668.50	552.00	368.00	184.00
124,501 to 125,000	671.00	554.00	370.00	185.00
125,001 to 125,500	674.50	556.00	371.00	186.00
125,501 to 126,000	677.00	558.00	372.00	186.00
126,001 to 126,500	679.50	560.00	374.00	187.00
126,501 to 127,000	682.00	564.00	376.00	189.00
127,001 to 127,500	685.50	566.00	377.00	189.00



Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
127,501 to 128,000	\$ 688.00	\$ 568.00	\$ 379.00	\$ 190.00
128,001 to 128,500	690.50	570.00	380.00	191.00
128,501 to 129,000	693.00	572.00	382.00	191.00
129,001 to 129,500	696.50	575.00	383.00	192.00
129,501 to 130,000	699.00	577.00	384.00	193.00
130,001 to 130,500	701.50	579.00	387.00	194.00
130,501 to 131,000	704.00	581.00	388.00	194.00
131,001 to 131,500	707.50	583.00	389.00	195.00
131,501 to 132,000	710.00	586.00	391.00	196.00
132,001 to 132,500	712.50	588.00	392.00	196.00
132,501 to 133,000	715.00	590.00	394.00	197.00
133,001 to 133,500	718.50	592.00	395.00	198.00
133,501 to 134,000	721.00	594.00	396.00	198.00
134,001 to 134,500	723.50	597.00	399.00	200.00
134,501 to 135,000	726.00	600.00	400.00	201.00
135,001 to 135,500	729.50	602.00	401.00	201.00
135,501 to 136,000	732.00	604.00	403.00	202.00
136,001 to 136,500	734.50	607.00	404.00	203.00
136,501 to 137,000	737.00	609.00	406.00	204.00
137,001 to 137,500	740.50	611.00	407.00	204.00
137,501 to 138,000	743.00	613.00	409.00	205.00
138,001 to 138,500	745.50	615.00	411.00	206.00
138,501 to 139,000	748.00	618.00	412.00	206.00
139,001 to 139,500	751.50	620.00	413.00	207.00
139,501 to 140,000	754.00	622.00	415.00	208.00

O. Reg. 144/73, s. 1 (1).

(2) Paragraph 1a of subsection 1 of the said section 11, as remade by subsection 2 of section 1 of Ontario Regulation 200/72, is revoked and the following substituted therefor:

1a. For each motor vehicle operated under a Class H operating licence and having a gross weight of,

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
1 to 8,000	\$ 17.00	\$ 15.00	\$ 9.00	\$ 5.00
8,001 to 8,500	19.00	16.00	10.00	6.00
8,501 to 9,000	20.00	17.00	11.00	6.00
9,001 to 9,500	22.00	18.00	13.00	6.00
9,501 to 10,000	24.00	19.00	13.00	7.00
10,001 to 10,500	26.00	21.00	15.00	8.00
10,501 to 11,000	27.00	21.00	15.00	8.00
11,001 to 11,500	29.00	24.00	16.00	8.00
11,501 to 12,000	30.00	25.00	17.00	9.00
12,001 to 12,500	32.00	26.00	18.00	9.00
12,501 to 13,000	33.00	28.00	19.00	9.00
13,001 to 13,500	36.00	29.00	19.00	10.00
13,501 to 14,000	37.00	30.00	20.00	10.00
14,001 to 14,500	39.00	31.00	21.00	11.00
14,501 to 15,000	40.00	33.00	22.00	11.00
15,001 to 15,500	42.00	35.00	22.00	11.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
15,501 to 16,000	\$ 43.00	\$ 36.00	\$ 25.00	\$ 13.00
16,001 to 16,500	46.00	38.00	25.00	13.00
16,501 to 17,000	47.00	39.00	26.00	14.00
17,001 to 17,500	49.00	40.00	27.00	14.00
17,501 to 18,000	50.00	41.00	28.00	15.00
18,001 to 18,500	52.00	42.00	29.00	15.00
18,501 to 19,000	53.00	44.00	29.00	15.00
19,001 to 19,500	55.00	46.00	30.00	16.00
19,501 to 20,000	57.00	47.00	31.00	16.00
20,001 to 20,500	59.00	48.00	32.00	16.00
20,501 to 21,000	60.00	49.00	33.00	17.00
21,001 to 21,500	62.00	51.00	35.00	18.00
21,501 to 22,000	63.00	52.00	35.00	18.00
22,001 to 22,500	65.00	53.00	36.00	18.00
22,501 to 23,000	66.00	55.00	37.00	19.00
23,001 to 23,500	69.00	57.00	38.00	19.00
23,501 to 24,000	70.00	58.00	39.00	19.00
24,001 to 24,500	72.00	59.00	39.00	20.00
24,501 to 25,000	73.00	61.00	41.00	21.00
25,001 to 25,500	75.00	62.00	41.00	21.00
25,501 to 26,000	76.00	63.00	42.00	21.00
26,001 to 26,500	79.00	64.00	43.00	22.00
26,501 to 27,000	80.00	65.00	44.00	22.00
27,001 to 27,500	82.00	68.00	44.00	22.00
27,501 to 28,000	83.00	69.00	46.00	24.00
28,001 to 28,500	85.00	70.00	47.00	24.00
28,501 to 29,000	86.00	71.00	48.00	25.00
29,001 to 29,500	88.00	72.00	49.00	25.00
29,501 to 30,000	90.00	74.00	49.00	25.00
30,001 to 30,500	92.00	75.00	51.00	26.00
30,501 to 31,000	93.00	77.00	51.00	26.00
31,001 to 31,500	95.00	79.00	52.00	26.00
31,501 to 32,000	96.00	80.00	53.00	27.00
32,001 to 32,500	98.00	81.00	54.00	28.00
32,501 to 33,000	99.00	82.00	55.00	28.00
33,001 to 33,500	102.00	84.00	55.00	28.00
33,501 to 34,000	103.00	85.00	57.00	29.00
34,001 to 34,500	105.00	86.00	58.00	29.00
34,501 to 35,000	106.00	87.00	59.00	29.00
35,001 to 35,500	108.00	88.00	59.00	30.00
35,501 to 36,000	109.00	91.00	61.00	31.00
36,001 to 36,500	112.00	92.00	61.00	31.00
36,501 to 37,000	113.00	93.00	62.00	31.00
37,001 to 37,500	115.00	94.00	63.00	32.00
37,501 to 38,000	116.00	95.00	64.00	32.00
38,001 to 38,500	118.00	97.00	65.00	32.00
38,501 to 39,000	119.00	98.00	65.00	33.00
39,001 to 39,500	121.00	101.00	66.00	33.00
39,501 to 40,000	123.00	102.00	68.00	35.00
40,001 to 40,500	125.00	103.00	69.00	35.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
40,501 to 41,000	\$126.00	\$104.00	\$ 70.00	\$ 36.00
41,001 to 41,500	128.00	105.00	71.00	36.00
41,501 to 42,000	129.00	107.00	71.00	36.00
42,001 to 42,500	131.00	108.00	72.00	37.00
42,501 to 43,000	132.00	109.00	73.00	37.00
43,001 to 43,500	135.00	110.00	74.00	38.00
43,501 to 44,000	136.00	112.00	75.00	38.00
44,001 to 44,500	138.00	114.00	75.00	38.00
44,501 to 45,000	139.00	115.00	77.00	39.00
45,001 to 45,500	141.00	116.00	77.00	39.00
45,501 to 46,000	142.00	117.00	79.00	39.00
46,001 to 46,500	145.00	118.00	80.00	40.00
46,501 to 47,000	146.00	120.00	81.00	41.00
47,001 to 47,500	148.00	121.00	81.00	41.00
47,501 to 48,000	149.00	124.00	82.00	41.00
48,001 to 48,500	151.00	125.00	83.00	42.00
48,501 to 49,000	152.00	126.00	84.00	42.00
49,001 to 49,500	154.00	127.00	85.00	42.00
49,501 to 50,000	156.00	128.00	85.00	43.00
50,001 to 50,500	158.00	130.00	87.00	44.00
50,501 to 51,000	159.00	131.00	87.00	44.00
51,001 to 51,500	161.00	132.00	88.00	44.00
51,501 to 52,000	162.00	134.00	90.00	46.00
52,001 to 52,500	164.00	135.00	91.00	46.00
52,501 to 53,000	165.00	137.00	92.00	46.00
53,001 to 53,500	168.00	138.00	92.00	47.00
53,501 to 54,000	169.00	139.00	93.00	47.00
54,001 to 54,500	171.00	140.00	94.00	48.00
54,501 to 55,000	172.00	142.00	95.00	48.00
55,001 to 55,500	174.00	143.00	95.00	48.00
55,501 to 56,000	175.00	145.00	97.00	49.00
56,001 to 56,500	178.00	147.00	97.00	49.00
56,501 to 57,000	179.00	148.00	98.00	50.00
57,001 to 57,500	181.00	149.00	99.00	50.00
57,501 to 58,000	182.00	150.00	101.00	51.00
58,001 to 58,500	184.00	151.00	102.00	51.00
58,501 to 59,000	185.00	153.00	102.00	51.00
59,001 to 59,500	187.00	154.00	103.00	52.00
59,501 to 60,000	189.00	156.00	104.00	52.00
60,001 to 60,500	191.00	157.00	105.00	52.00
60,501 to 61,000	192.00	158.00	106.00	53.00
61,001 to 61,500	194.00	160.00	107.00	54.00
61,501 to 62,000	195.00	161.00	107.00	54.00
62,001 to 62,500	197.00	162.00	108.00	54.00
62,501 to 63,000	198.00	164.00	109.00	55.00
63,001 to 63,500	201.00	165.00	110.00	55.00
63,501 to 64,000	202.00	167.00	112.00	55.00
64,001 to 64,500	204.00	168.00	112.00	57.00
64,501 to 65,000	205.00	170.00	113.00	57.00
65,001 to 65,500	207.00	171.00	114.00	58.00



Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
65,501 to 66,000	\$208.00	\$172.00	\$115.00	\$58.00
66,001 to 66,500	211.00	173.00	116.00	59.00
66,501 to 67,000	212.00	174.00	117.00	59.00
67,001 to 67,500	214.00	176.00	117.00	59.00
67,501 to 68,000	215.00	178.00	118.00	60.00
68,001 to 68,500	217.00	179.00	119.00	60.00
68,501 to 69,000	218.00	180.00	120.00	61.00
69,001 to 69,500	220.00	181.00	121.00	61.00
69,501 to 70,000	222.00	183.00	121.00	61.00
70,001 to 70,500	224.00	184.00	124.00	62.00
70,501 to 71,000	225.00	186.00	124.00	62.00
71,001 to 71,500	227.00	187.00	125.00	62.00
71,501 to 72,000	228.00	189.00	126.00	63.00
72,001 to 72,500	230.00	190.00	127.00	64.00
72,501 to 73,000	231.00	191.00	128.00	64.00
73,001 to 73,500	234.00	193.00	128.00	64.00
73,501 to 74,000	235.00	194.00	129.00	65.00
74,001 to 74,500	237.00	195.00	130.00	65.00
74,501 to 75,000	238.00	196.00	131.00	65.00
75,001 to 75,500	240.00	197.00	131.00	66.00
75,501 to 76,000	241.00	200.00	134.00	68.00
76,001 to 76,500	244.00	201.00	134.00	68.00
76,501 to 77,000	245.00	202.00	135.00	68.00
77,001 to 77,500	247.00	203.00	136.00	69.00
77,501 to 78,000	248.00	204.00	137.00	69.00
78,001 to 78,500	250.00	206.00	138.00	69.00
78,501 to 79,000	251.00	207.00	138.00	70.00
79,001 to 79,500	253.00	209.00	139.00	70.00
79,501 to 80,000	255.00	211.00	140.00	71.00
80,001 to 80,500	257.00	212.00	141.00	71.00
80,501 to 81,000	258.00	213.00	142.00	72.00
81,001 to 81,500	260.00	214.00	143.00	72.00
81,501 to 82,000	261.00	216.00	143.00	72.00
82,001 to 82,500	263.00	217.00	145.00	73.00
82,501 to 83,000	264.00	218.00	146.00	73.00
83,001 to 83,500	267.00	219.00	147.00	74.00
83,501 to 84,000	268.00	220.00	148.00	74.00
84,001 to 84,500	270.00	223.00	148.00	74.00
84,501 to 85,000	271.00	224.00	150.00	75.00
85,001 to 85,500	273.00	225.00	150.00	75.00
85,501 to 86,000	274.00	226.00	151.00	75.00
86,001 to 86,500	277.00	227.00	152.00	76.00
86,501 to 87,000	278.00	229.00	153.00	77.00
87,001 to 87,500	280.00	230.00	153.00	77.00
87,501 to 88,000	281.00	233.00	154.00	77.00
88,001 to 88,500	283.00	234.00	156.00	79.00
88,501 to 89,000	284.00	235.00	157.00	79.00
89,001 to 89,500	286.00	236.00	158.00	79.00
89,501 to 90,000	288.00	237.00	158.00	80.00
90,001 to 90,500	290.00	239.00	160.00	81.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
90,501 to 91,000	\$ 291.00	\$ 240.00	\$ 160.00	\$ 81.00
91,001 to 91,500	293.00	241.00	161.00	81.00
91,501 to 92,000	294.00	242.00	162.00	82.00
92,001 to 92,500	296.00	244.00	163.00	82.00
92,501 to 93,000	297.00	246.00	164.00	82.00
93,001 to 93,500	300.00	247.00	164.00	83.00
93,501 to 94,000	301.00	248.00	165.00	83.00
94,001 to 94,500	303.00	249.00	167.00	84.00
94,501 to 95,000	304.00	251.00	168.00	84.00
95,001 to 95,500	306.00	252.00	168.00	84.00
95,501 to 96,000	307.00	253.00	170.00	85.00
96,001 to 96,500	310.00	256.00	170.00	85.00
96,501 to 97,000	311.00	257.00	171.00	86.00
97,001 to 97,500	313.00	258.00	172.00	86.00
97,501 to 98,000	314.00	259.00	173.00	87.00
98,001 to 98,500	316.00	260.00	174.00	87.00
98,501 to 99,000	317.00	262.00	174.00	87.00
99,001 to 99,500	319.00	263.00	175.00	88.00
99,501 to 100,000	321.00	264.00	176.00	88.00
100,001 to 100,500	323.00	266.00	178.00	88.00
100,501 to 101,000	324.00	267.00	179.00	90.00
101,001 to 101,500	326.00	269.00	180.00	91.00
101,501 to 102,000	328.00	270.00	180.00	91.00
102,001 to 102,500	329.00	271.00	181.00	91.00
102,501 to 103,000	330.00	273.00	182.00	92.00
103,001 to 103,500	333.00	274.00	183.00	92.00
103,501 to 104,000	334.00	275.00	184.00	92.00
104,001 to 104,500	336.00	277.00	184.00	93.00
104,501 to 105,000	337.00	279.00	186.00	94.00
105,001 to 105,500	339.00	280.00	186.00	94.00
105,501 to 106,000	340.00	281.00	187.00	94.00
106,001 to 106,500	343.00	282.00	189.00	95.00
106,501 to 107,000	344.00	283.00	190.00	95.00
107,001 to 107,500	346.00	285.00	190.00	95.00
107,501 to 108,000	347.00	286.00	191.00	96.00
108,001 to 108,500	349.00	288.00	192.00	96.00
108,501 to 109,000	350.00	289.00	193.00	97.00
109,001 to 109,500	352.00	290.00	194.00	97.00
109,501 to 110,000	354.00	292.00	194.00	97.00
110,001 to 110,500	356.00	293.00	196.00	98.00
110,501 to 111,000	357.00	295.00	196.00	98.00
111,001 to 111,500	359.00	296.00	197.00	98.00
111,501 to 112,000	360.00	297.00	198.00	99.00
112,001 to 112,500	362.00	299.00	200.00	101.00
112,501 to 113,000	363.00	300.00	201.00	101.00
113,001 to 113,500	366.00	302.00	201.00	101.00
113,501 to 114,000	367.00	303.00	202.00	102.00
114,001 to 114,500	369.00	304.00	203.00	102.00
114,501 to 115,000	370.00	305.00	204.00	102.00
115,001 to 115,500	372.00	306.00	204.00	103.00
115,501 to 116,000	373.00	308.00	206.00	104.00

Gross weight in pounds	for licensing for a full annual term	for licensing for a nine-month period	for licensing for a six-month period	for licensing for a three-month period
116,001 to 116,500	\$376.00	\$310.00	\$206.00	\$104.00
116,501 to 117,000	377.00	311.00	207.00	104.00
117,001 to 117,500	379.00	312.00	208.00	105.00
117,501 to 118,000	380.00	313.00	209.00	105.00
118,001 to 118,500	382.00	315.00	211.00	105.00
118,501 to 119,000	383.00	316.00	211.00	106.00
119,001 to 119,500	385.00	318.00	212.00	106.00
119,501 to 120,000	387.00	319.00	213.00	107.00
120,001 to 120,500	389.00	321.00	214.00	107.00
120,501 to 121,000	390.00	322.00	215.00	108.00
121,001 to 121,500	392.00	323.00	216.00	108.00
121,501 to 122,000	393.00	325.00	216.00	108.00
122,001 to 122,500	395.00	326.00	217.00	109.00
122,501 to 123,000	396.00	327.00	218.00	109.00
123,001 to 123,500	399.00	328.00	219.00	110.00
123,501 to 124,000	400.00	329.00	220.00	110.00
124,001 to 124,500	402.00	332.00	220.00	110.00
124,501 to 125,000	403.00	333.00	223.00	112.00
125,001 to 125,500	405.00	334.00	223.00	112.00
125,501 to 126,000	406.00	335.00	224.00	112.00
126,001 to 126,500	409.00	336.00	225.00	113.00
126,501 to 127,000	410.00	338.00	226.00	114.00
127,001 to 127,500	412.00	339.00	226.00	114.00
127,501 to 128,000	413.00	341.00	227.00	114.00
128,001 to 128,500	415.00	343.00	228.00	115.00
128,501 to 129,000	416.00	344.00	229.00	115.00
129,001 to 129,500	418.00	345.00	230.00	115.00
129,501 to 130,000	420.00	346.00	230.00	116.00
130,001 to 130,500	422.00	348.00	233.00	117.00
130,501 to 131,000	423.00	349.00	233.00	117.00
131,001 to 131,500	425.00	350.00	234.00	117.00
131,501 to 132,000	426.00	351.00	235.00	118.00
132,001 to 132,500	428.00	352.00	236.00	118.00
132,501 to 133,000	429.00	355.00	237.00	118.00
133,001 to 133,500	432.00	356.00	237.00	119.00
133,501 to 134,000	433.00	357.00	238.00	119.00
134,001 to 134,500	435.00	358.00	239.00	120.00
134,501 to 135,000	436.00	360.00	240.00	120.00
135,001 to 135,500	438.00	361.00	240.00	120.00
135,501 to 136,000	439.00	362.00	242.00	121.00
136,001 to 136,500	442.00	365.00	242.00	121.00
136,501 to 137,000	443.00	366.00	244.00	123.00
137,001 to 137,500	445.00	367.00	245.00	123.00
137,501 to 138,000	446.00	368.00	246.00	124.00
138,001 to 138,500	448.00	369.00	247.00	124.00
138,501 to 139,000	449.00	371.00	247.00	124.00
139,001 to 139,500	451.00	372.00	248.00	125.00
139,501 to 140,000	453.00	373.00	249.00	125.00

2. This Regulation comes into force on the 1st day of April, 1973.

O. Reg. 144/73, s. 1 (2).



## THE HIGHWAY TRAFFIC ACT

## O. Reg. 145/73.

General.

Made—March 14th, 1973.

Filed—March 19th, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1.—(1) Clause c of paragraph 7 of subsection 1 of section 5 of Regulation 418 of Revised Regulations of Ontario, 1970, as remade by subsection 2 of section 1 of Ontario Regulation 198/72, is revoked and the following substituted therefor:

(c) Subject to subsection 2, for a commercial motor vehicle, combination of a commercial motor vehicle and trailer or trailers, other than a motor bus, having a gross weight of,

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
1 to 5,000	\$ 33.00	\$ 28.00	\$ 19.00	\$ 10.00
5,001 to 5,500	41.00	34.00	23.00	12.00
5,501 to 6,000	49.00	40.00	27.00	14.00
6,001 to 6,500	54.00	44.00	30.00	16.00
6,501 to 7,000	58.00	48.00	32.00	17.00
7,001 to 7,500	63.00	52.00	35.00	18.00
7,501 to 8,000	68.00	55.00	38.00	19.00
8,001 to 8,500	72.00	59.00	40.00	20.00
8,501 to 9,000	76.00	63.00	42.00	21.00
9,001 to 9,500	81.00	67.00	45.00	23.00
9,501 to 10,000	86.00	71.00	48.00	25.00
10,001 to 10,500	91.00	75.00	51.00	26.00
10,501 to 11,000	96.00	79.00	53.00	27.00
11,001 to 11,500	101.00	83.00	56.00	28.00
11,501 to 12,000	105.00	86.00	58.00	29.00
12,001 to 12,500	112.00	92.00	62.00	31.00
12,501 to 13,000	119.00	98.00	66.00	33.00
13,001 to 13,500	126.00	104.00	70.00	35.00
13,501 to 14,000	132.00	109.00	73.00	37.00
14,001 to 14,500	139.00	115.00	77.00	39.00
14,501 to 15,000	146.00	121.00	81.00	41.00
15,001 to 15,500	153.00	127.00	85.00	43.00
15,501 to 16,000	160.00	132.00	88.00	44.00
16,001 to 16,500	165.00	138.00	92.00	46.00
16,501 to 17,000	169.00	143.00	96.00	48.00
17,001 to 17,500	178.00	149.00	100.00	50.00
17,501 to 18,000	187.00	154.00	104.00	52.00
18,001 to 18,500	194.00	160.00	108.00	54.00
18,501 to 19,000	201.00	166.00	111.00	56.00
19,001 to 19,500	208.00	172.00	115.00	58.00
19,501 to 20,000	215.00	178.00	118.00	60.00
20,001 to 20,500	222.00	182.00	122.00	62.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
20,501 to 21,000	\$ 229.00	\$ 185.00	\$ 126.00	\$ 64.00
21,001 to 21,500	236.00	193.00	130.00	66.00
21,501 to 22,000	242.00	201.00	134.00	68.00
22,001 to 22,500	249.00	207.00	138.00	70.00
22,501 to 23,000	256.00	212.00	142.00	72.00
23,001 to 23,500	263.00	218.00	146.00	74.00
23,501 to 24,000	270.00	223.00	149.00	75.00
24,001 to 24,500	277.00	229.00	153.00	77.00
24,501 to 25,000	284.00	235.00	157.00	79.00
25,001 to 25,500	291.00	241.00	161.00	81.00
25,501 to 26,000	297.00	246.00	164.00	83.00
26,001 to 26,500	304.00	252.00	168.00	85.00
26,501 to 27,000	311.00	257.00	172.00	87.00
27,001 to 27,500	318.00	263.00	176.00	88.00
27,501 to 28,000	325.00	268.00	179.00	90.00
28,001 to 28,500	332.00	275.00	183.00	92.00
28,501 to 29,000	339.00	281.00	187.00	94.00
29,001 to 29,500	346.00	286.00	191.00	96.00
29,501 to 30,000	352.00	291.00	194.00	97.00
30,001 to 30,500	359.00	297.00	198.00	99.00
30,501 to 31,000	366.00	303.00	202.00	101.00
31,001 to 31,500	373.00	309.00	206.00	103.00
31,501 to 32,000	380.00	314.00	209.00	105.00
32,001 to 32,500	387.00	320.00	213.00	107.00
32,501 to 33,000	394.00	325.00	217.00	109.00
33,001 to 33,500	401.00	331.00	221.00	111.00
33,501 to 34,000	407.00	336.00	225.00	113.00
34,001 to 34,500	414.00	342.00	229.00	115.00
34,501 to 35,000	421.00	348.00	232.00	117.00
35,001 to 35,500	428.00	354.00	236.00	119.00
35,501 to 36,000	435.00	359.00	239.00	120.00
36,001 to 36,500	442.00	365.00	243.00	122.00
36,501 to 37,000	449.00	371.00	247.00	124.00
37,001 to 37,500	456.00	377.00	251.00	126.00
37,501 to 38,000	462.00	382.00	255.00	128.00
38,001 to 38,500	469.00	388.00	259.00	130.00
38,501 to 39,000	476.00	393.00	263.00	132.00
39,001 to 39,500	483.00	399.00	267.00	134.00
39,501 to 40,000	490.00	404.00	270.00	136.00
40,001 to 40,500	497.00	410.00	274.00	138.00
40,501 to 41,000	504.00	416.00	278.00	140.00
41,001 to 41,500	511.00	422.00	282.00	142.00
41,501 to 42,000	517.00	427.00	285.00	143.00
42,001 to 42,500	524.00	433.00	289.00	145.00
42,501 to 43,000	531.00	438.00	293.00	147.00
43,001 to 43,500	538.00	444.00	297.00	149.00
43,501 to 44,000	545.00	449.00	300.00	150.00
44,001 to 44,500	553.00	455.00	304.00	152.00
44,501 to 45,000	560.00	461.00	309.00	154.00
45,001 to 45,500	567.00	467.00	313.00	157.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
45,501 to 46,000	\$574.00	\$473.00	\$318.00	\$159.00
46,001 to 46,500	582.00	480.00	322.00	161.00
46,501 to 47,000	589.00	486.00	326.00	163.00
47,001 to 47,500	597.00	493.00	330.00	165.00
47,501 to 48,000	604.00	499.00	333.00	167.00
48,001 to 48,500	612.00	506.00	337.00	169.00
48,501 to 49,000	620.00	512.00	341.00	171.00
49,001 to 49,500	628.00	518.00	345.00	173.00
49,501 to 50,000	635.00	524.00	349.00	175.00
50,001 to 50,500	643.00	531.00	354.00	178.00
50,501 to 51,000	651.00	537.00	358.00	180.00
51,001 to 51,500	659.00	543.00	363.00	182.00
51,501 to 52,000	666.00	549.00	367.00	184.00
52,001 to 52,500	674.00	556.00	371.00	186.00
52,501 to 53,000	682.00	562.00	375.00	188.00
53,001 to 53,500	690.00	569.00	379.00	190.00
53,501 to 54,000	697.00	575.00	383.00	192.00
54,001 to 54,500	705.00	582.00	388.00	195.00
54,501 to 55,000	713.00	588.00	392.00	197.00
55,001 to 55,500	721.00	594.00	397.00	199.00
55,501 to 56,000	728.00	600.00	401.00	201.00
56,001 to 56,500	736.00	607.00	405.00	203.00
56,501 to 57,000	743.00	613.00	409.00	205.00
57,001 to 57,500	751.00	619.00	413.00	207.00
57,501 to 58,000	758.00	625.00	417.00	209.00
58,001 to 58,500	766.00	632.00	422.00	212.00
58,501 to 59,000	774.00	639.00	426.00	214.00
59,001 to 59,500	782.00	646.00	430.00	216.00
59,501 to 60,000	789.00	652.00	434.00	218.00
60,001 to 60,500	797.00	659.00	439.00	220.00
60,501 to 61,000	805.00	665.00	443.00	222.00
61,001 to 61,500	813.00	671.00	447.00	224.00
61,501 to 62,000	820.00	677.00	451.00	226.00
62,001 to 62,500	828.00	684.00	456.00	229.00
62,501 to 63,000	836.00	690.00	460.00	231.00
63,001 to 63,500	844.00	696.00	464.00	233.00
63,501 to 64,000	851.00	702.00	468.00	235.00
64,001 to 64,500	859.00	709.00	473.00	237.00
64,501 to 65,000	867.00	715.00	477.00	239.00
65,001 to 65,500	875.00	722.00	482.00	241.00
65,501 to 66,000	882.00	728.00	486.00	243.00
66,001 to 66,500	890.00	735.00	490.00	245.00
66,501 to 67,000	897.00	741.00	494.00	247.00
67,001 to 67,500	905.00	747.00	498.00	249.00
67,501 to 68,000	912.00	753.00	502.00	251.00
68,001 to 68,500	920.00	760.00	507.00	254.00
68,501 to 69,000	928.00	766.00	511.00	256.00
69,001 to 69,500	936.00	772.00	515.00	258.00
69,501 to 70,000	943.00	778.00	519.00	260.00
70,001 to 70,500	951.00	785.00	523.00	263.00



Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
70,501 to 71,000	\$ 959.00	\$ 791.00	\$ 526.00	\$ 265.00
71,001 to 71,500	967.00	797.00	531.00	267.00
71,501 to 72,000	974.00	803.00	536.00	269.00
72,001 to 72,500	982.00	810.00	540.00	271.00
72,501 to 73,000	990.00	816.00	544.00	273.00
73,001 to 73,500	998.00	823.00	549.00	275.00
73,501 to 74,000	1,005.00	829.00	553.00	277.00
74,001 to 74,500	1,013.00	836.00	558.00	279.00
74,501 to 75,000	1,021.00	842.00	562.00	281.00
75,001 to 75,500	1,029.00	848.00	566.00	283.00
75,501 to 76,000	1,036.00	854.00	570.00	285.00
76,001 to 76,500	1,044.00	861.00	575.00	288.00
76,501 to 77,000	1,051.00	867.00	579.00	290.00
77,001 to 77,500	1,059.00	873.00	583.00	292.00
77,501 to 78,000	1,066.00	879.00	587.00	294.00
78,001 to 78,500	1,074.00	886.00	591.00	296.00
78,501 to 79,000	1,082.00	893.00	595.00	298.00
79,001 to 79,500	1,090.00	900.00	599.00	300.00
79,501 to 80,000	1,097.00	906.00	603.00	302.00
80,001 to 80,500	1,105.00	913.00	608.00	305.00
80,501 to 81,000	1,113.00	919.00	612.00	307.00
81,001 to 81,500	1,121.00	925.00	617.00	309.00
81,501 to 82,000	1,128.00	931.00	621.00	311.00
82,001 to 82,500	1,136.00	938.00	625.00	313.00
82,501 to 83,000	1,144.00	944.00	629.00	315.00
83,001 to 83,500	1,152.00	950.00	633.00	317.00
83,501 to 84,000	1,159.00	956.00	637.00	319.00
84,001 to 84,500	1,167.00	963.00	642.00	322.00
84,501 to 85,000	1,175.00	969.00	646.00	324.00
85,001 to 85,500	1,183.00	976.00	651.00	326.00
85,501 to 86,000	1,190.00	982.00	655.00	328.00
86,001 to 86,500	1,198.00	989.00	659.00	330.00
86,501 to 87,000	1,205.00	995.00	663.00	332.00
87,001 to 87,500	1,213.00	1,001.00	667.00	334.00
87,501 to 88,000	1,220.00	1,007.00	671.00	336.00
88,001 to 88,500	1,228.00	1,014.00	676.00	339.00
88,501 to 89,000	1,236.00	1,020.00	680.00	341.00
89,001 to 89,500	1,244.00	1,026.00	684.00	343.00
89,501 to 90,000	1,251.00	1,032.00	688.00	345.00
90,001 to 90,500	1,259.00	1,039.00	693.00	348.00
90,501 to 91,000	1,267.00	1,045.00	697.00	350.00
91,001 to 91,500	1,275.00	1,052.00	702.00	352.00
91,501 to 92,000	1,282.00	1,058.00	706.00	354.00
92,001 to 92,500	1,290.00	1,065.00	710.00	356.00
92,501 to 93,000	1,298.00	1,071.00	714.00	358.00
93,001 to 93,500	1,306.00	1,077.00	718.00	360.00
93,501 to 94,000	1,313.00	1,083.00	722.00	362.00
94,001 to 94,500	1,321.00	1,095.00	727.00	364.00
94,501 to 95,000	1,329.00	1,096.00	731.00	366.00
95,001 to 95,500	1,337.00	1,102.00	736.00	368.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
95,501 to 96,000	\$1,344.00	\$1,108.00	\$ 740.00	\$ 370.00
96,001 to 96,500	1,352.00	1,115.00	744.00	373.00
96,501 to 97,000	1,360.00	1,121.00	748.00	375.00
97,001 to 97,500	1,367.00	1,127.00	752.00	377.00
97,501 to 98,000	1,374.00	1,133.00	756.00	379.00
98,001 to 98,500	1,382.00	1,140.00	761.00	381.00
98,501 to 99,000	1,390.00	1,146.00	765.00	383.00
99,001 to 99,500	1,398.00	1,153.00	769.00	385.00
99,501 to 100,000	1,405.00	1,159.00	773.00	387.00
100,001 to 100,500	1,413.00	1,165.00	778.00	389.00
100,501 to 101,000	1,421.00	1,172.00	782.00	391.00
101,001 to 101,500	1,429.00	1,179.00	786.00	393.00
101,501 to 102,000	1,436.00	1,185.00	790.00	395.00
102,001 to 102,500	1,444.00	1,192.00	795.00	398.00
102,501 to 103,000	1,452.00	1,198.00	799.00	400.00
103,001 to 103,500	1,460.00	1,204.00	803.00	402.00
103,501 to 104,000	1,467.00	1,210.00	807.00	404.00
104,001 to 104,500	1,475.00	1,217.00	812.00	407.00
104,501 to 105,000	1,483.00	1,223.00	816.00	409.00
105,001 to 105,000	1,491.00	1,230.00	820.00	411.00
105,501 to 106,000	1,498.00	1,236.00	824.00	413.00
106,001 to 106,500	1,506.00	1,243.00	829.00	415.00
106,501 to 107,000	1,513.00	1,249.00	833.00	417.00
107,001 to 107,500	1,521.00	1,255.00	837.00	419.00
107,501 to 108,000	1,528.00	1,261.00	841.00	421.00
108,001 to 108,500	1,536.00	1,268.00	845.00	423.00
108,501 to 109,000	1,544.00	1,274.00	849.00	425.00
109,001 to 109,500	1,552.00	1,280.00	853.00	427.00
109,501 to 110,000	1,559.00	1,286.00	857.00	429.00
110,001 to 110,500	1,567.00	1,293.00	862.00	432.00
110,501 to 111,000	1,575.00	1,299.00	866.00	434.00
111,001 to 111,500	1,583.00	1,306.00	871.00	436.00
111,501 to 112,000	1,590.00	1,312.00	875.00	438.00
112,001 to 112,500	1,598.00	1,319.00	879.00	440.00
112,501 to 113,000	1,606.00	1,325.00	883.00	442.00
113,001 to 113,500	1,614.00	1,331.00	887.00	444.00
113,501 to 114,000	1,621.00	1,337.00	891.00	446.00
114,001 to 114,500	1,629.00	1,344.00	896.00	449.00
114,501 to 115,000	1,637.00	1,350.00	900.00	451.00
115,001 to 115,500	1,645.00	1,356.00	905.00	453.00
115,501 to 116,000	1,652.00	1,362.00	909.00	455.00
116,001 to 116,500	1,660.00	1,369.00	914.00	458.00
116,501 to 117,000	1,667.00	1,375.00	918.00	460.00
117,001 to 117,500	1,675.00	1,382.00	922.00	462.00
117,501 to 118,000	1,682.00	1,388.00	926.00	464.00
118,001 to 118,500	1,690.00	1,395.00	930.00	466.00
118,501 to 119,000	1,698.00	1,401.00	934.00	468.00
119,001 to 119,500	1,706.00	1,408.00	938.00	470.00
119,501 to 120,000	1,713.00	1,414.00	942.00	472.00
120,001 to 120,500	1,721.00	1,421.00	947.00	474.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
120,501 to 121,000	\$1,729.00	\$1,427.00	\$ 951.00	\$ 476.00
121,001 to 121,500	1,737.00	1,433.00	956.00	478.00
121,501 to 122,000	1,744.00	1,439.00	960.00	480.00
122,001 to 122,500	1,752.00	1,446.00	964.00	483.00
122,501 to 123,000	1,760.00	1,452.00	968.00	485.00
123,001 to 123,500	1,768.00	1,459.00	972.00	487.00
123,501 to 124,000	1,775.00	1,465.00	976.00	489.00
124,001 to 124,500	1,783.00	1,472.00	981.00	492.00
124,501 to 125,000	1,791.00	1,478.00	985.00	494.00
125,001 to 125,500	1,799.00	1,484.00	990.00	496.00
125,501 to 126,000	1,806.00	1,490.00	994.00	498.00
126,001 to 126,500	1,814.00	1,497.00	998.00	500.00
126,501 to 127,000	1,821.00	1,503.00	1,002.00	502.00
127,001 to 127,500	1,829.00	1,509.00	1,006.00	504.00
127,501 to 128,000	1,836.00	1,515.00	1,009.00	506.00
128,001 to 128,500	1,844.00	1,522.00	1,014.00	508.00
128,501 to 129,000	1,852.00	1,528.00	1,018.00	510.00
129,001 to 129,500	1,860.00	1,534.00	1,023.00	512.00
129,501 to 130,000	1,867.00	1,540.00	1,027.00	514.00
130,001 to 130,500	1,875.00	1,547.00	1,032.00	517.00
130,501 to 131,000	1,883.00	1,553.00	1,036.00	519.00
131,001 to 131,500	1,891.00	1,560.00	1,040.00	521.00
131,501 to 132,000	1,898.00	1,566.00	1,044.00	523.00
132,001 to 132,500	1,906.00	1,573.00	1,049.00	525.00
132,501 to 133,000	1,914.00	1,579.00	1,053.00	527.00
133,001 to 133,500	1,922.00	1,585.00	1,057.00	529.00
133,501 to 134,000	1,929.00	1,591.00	1,061.00	531.00
134,001 to 134,500	1,937.00	1,598.00	1,066.00	533.00
134,501 to 135,000	1,945.00	1,604.00	1,070.00	535.00
135,001 to 135,500	1,953.00	1,610.00	1,074.00	537.00
135,501 to 136,000	1,960.00	1,616.00	1,078.00	539.00
136,001 to 136,500	1,968.00	1,623.00	1,083.00	542.00
136,501 to 137,000	1,975.00	1,629.00	1,087.00	544.00
137,001 to 137,500	1,983.00	1,636.00	1,091.00	546.00
137,501 to 138,000	1,990.00	1,642.00	1,095.00	548.00
138,001 to 138,500	1,998.00	1,649.00	1,099.00	551.00
138,501 to 139,000	2,006.00	1,655.00	1,103.00	553.00
139,001 to 139,500	2,014.00	1,662.00	1,107.00	555.00
139,501 to 140,000	2,021.00	1,668.00	1,111.00	557.00

O. Reg. 145/73, s. 1 (1).

(2) Clause *c* of paragraph 7*a* of subsection 1 of the said section 5, as remade by subsection 3 of section 1 of Ontario Regulation 198/72, is revoked and the following substituted therefor:

(c) Subject to subsection 2, for a commercial motor vehicle, combination of commercial motor vehicle and trailer or trailers, other than a motor bus, owned by a farmer and used for his personal transportation and transportation of his farm products, his supplies or his equipment to and from his farm, having a gross weight of,



Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
5,001 to 6,000	\$ 41.00	\$ 31.00	\$ 21.00	\$ 11.00
6,001 to 7,000	43.00	36.00	24.00	12.00
7,001 to 8,000	46.00	38.00	26.00	13.00
8,001 to 9,000	48.00	40.00	27.00	14.00
9,001 to 10,000	51.00	42.00	29.00	15.00
10,001 to 11,000	53.00	45.00	30.00	15.50
11,001 to 12,000	55.00	47.00	31.00	16.00
12,001 to 13,000	59.00	50.00	33.00	17.00
13,001 to 14,000	62.00	52.00	35.00	18.00
14,001 to 15,000	66.00	55.00	37.00	19.00
15,001 to 16,000	69.00	58.00	39.00	20.00
16,001 to 17,000	73.00	61.00	41.00	20.50
17,001 to 18,000	76.00	63.00	42.00	21.00
18,001 to 19,000	80.00	66.00	45.00	23.00
19,001 to 20,000	83.00	69.00	47.00	24.00
20,001 to 21,000	87.00	72.00	49.00	25.00
21,001 to 22,000	90.00	74.00	50.00	26.00
22,001 to 23,000	93.00	77.00	52.00	26.50
23,001 to 24,000	96.00	80.00	53.00	27.00
24,001 to 25,000	100.00	83.00	56.00	28.00
25,001 to 26,000	104.00	86.00	58.00	29.00
26,001 to 27,000	107.00	89.00	60.00	30.00
27,001 to 28,000	110.00	92.00	61.00	31.00
28,001 to 29,000	114.00	95.00	63.00	32.00
29,001 to 30,000	117.00	97.00	65.00	33.00
30,001 to 31,000	121.00	100.00	67.00	34.00
31,001 to 32,000	124.00	103.00	69.00	35.00
32,001 to 33,000	128.00	106.00	71.00	36.00
33,001 to 34,000	132.00	109.00	73.00	37.00
34,001 to 35,000	135.00	112.00	75.00	38.00
35,001 to 36,000	138.00	115.00	76.00	39.00
36,001 to 37,000	142.00	117.00	78.00	39.50
37,001 to 38,000	145.00	119.00	80.00	40.00
38,001 to 39,000	148.00	122.00	82.00	41.00
39,001 to 40,000	151.00	125.00	84.00	42.00
40,001 to 41,000	155.00	129.00	86.00	43.00
41,001 to 42,000	159.00	132.00	88.00	44.00
42,001 to 43,000	162.00	135.00	90.00	45.00
43,001 to 44,000	165.00	137.00	92.00	46.00
44,001 to 45,000	169.00	140.00	94.00	47.00
45,001 to 46,000	173.00	143.00	96.00	48.00
46,001 to 47,000	177.00	146.00	98.00	49.00
47,001 to 48,000	180.00	149.00	99.00	50.00
48,001 to 49,000	184.00	153.00	102.00	51.00
49,001 to 50,000	187.00	156.00	104.00	52.00
50,001 to 51,000	191.00	159.00	106.00	53.00
51,001 to 52,000	195.00	161.00	108.00	54.00
52,001 to 53,000	199.00	165.00	111.00	56.00
53,001 to 54,000	203.00	168.00	113.00	57.00
54,001 to 55,000	207.00	171.00	115.00	58.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
55,001 to 56,000	\$211.00	\$174.00	\$117.00	\$ 59.00
56,001 to 57,000	215.00	178.00	119.00	60.00
57,001 to 58,000	218.00	181.00	120.00	61.00
58,001 to 59,000	222.00	184.00	123.00	62.00
59,001 to 60,000	226.00	187.00	125.00	63.00
60,001 to 61,000	230.00	190.00	127.00	64.00
61,001 to 62,000	234.00	193.00	129.00	65.00
62,001 to 63,000	238.00	197.00	132.00	66.00
63,001 to 64,000	241.00	200.00	134.00	67.00
64,001 to 65,000	245.00	203.00	136.00	68.00
65,001 to 66,000	249.00	206.00	138.00	69.00
66,001 to 67,000	253.00	210.00	140.00	70.00
67,001 to 68,000	257.00	213.00	142.00	71.00
68,001 to 69,000	261.00	216.00	144.00	72.00
69,001 to 70,000	264.00	218.00	146.00	73.00
70,001 to 71,000	268.00	222.00	148.00	74.00
71,001 to 72,000	272.00	225.00	150.00	75.00
72,001 to 73,000	276.00	228.00	152.00	76.00
73,001 to 74,000	280.00	231.00	154.00	77.00
74,001 to 75,000	284.00	235.00	157.00	79.00
75,001 to 76,000	288.00	238.00	159.00	80.00
76,001 to 77,000	292.00	242.00	161.00	81.00
77,001 to 78,000	295.00	245.00	163.00	82.00
78,001 to 79,000	299.00	248.00	166.00	83.00
79,001 to 80,000	303.00	251.00	168.00	84.00
80,001 to 81,000	307.00	254.00	170.00	85.00
81,001 to 82,000	311.00	257.00	172.00	86.00
82,001 to 83,000	315.00	260.00	174.00	87.00
83,001 to 84,000	318.00	263.00	175.00	88.00
84,001 to 85,000	322.00	267.00	178.00	89.00
85,001 to 86,000	326.00	270.00	180.00	91.00
86,001 to 87,000	330.00	273.00	182.00	92.00
87,001 to 88,000	334.00	275.00	184.00	93.00
88,001 to 89,000	338.00	279.00	187.00	94.00
89,001 to 90,000	341.00	282.00	189.00	95.00
90,001 to 91,000	345.00	286.00	191.00	96.00
91,001 to 92,000	349.00	289.00	193.00	97.00
92,001 to 93,000	353.00	292.00	195.00	98.00
93,001 to 94,000	357.00	295.00	197.00	99.00
94,001 to 95,000	361.00	298.00	199.00	100.00
95,001 to 96,000	365.00	301.00	201.00	101.00
96,001 to 97,000	369.00	304.00	203.00	102.00
97,001 to 98,000	372.00	307.00	205.00	103.00
98,001 to 99,000	376.00	311.00	207.00	104.00
99,001 to 100,000	380.00	314.00	209.00	105.00
100,001 to 101,000	384.00	318.00	212.00	106.00
101,001 to 102,000	388.00	321.00	214.00	107.00
102,001 to 103,000	392.00	324.00	216.00	108.00
103,001 to 104,000	395.00	327.00	218.00	109.00
104,001 to 105,000	399.00	330.00	221.00	111.00

Gross Weight in Pounds	for registration for an annual term	for registration for a nine-month period	for registration for a six-month period	for registration for a three-month period
105,001 to 106,000	\$403.00	\$333.00	\$223.00	\$112.00
106,001 to 107,000	407.00	336.00	225.00	113.00
107,001 to 108,000	411.00	339.00	227.00	114.00
108,001 to 109,000	415.00	343.00	229.00	115.00
109,001 to 110,000	418.00	346.00	230.00	116.00
110,001 to 111,000	422.00	349.00	233.00	117.00
111,001 to 112,000	426.00	352.00	235.00	118.00
112,001 to 113,000	430.00	355.00	237.00	119.00
113,001 to 114,000	434.00	358.00	239.00	120.00
114,001 to 115,000	438.00	362.00	242.00	122.00
115,001 to 116,000	442.00	365.00	244.00	123.00
116,001 to 117,000	446.00	368.00	246.00	124.00
117,001 to 118,000	449.00	371.00	248.00	125.00
118,001 to 119,000	453.00	375.00	250.00	126.00
119,001 to 120,000	457.00	378.00	252.00	127.00
120,001 to 121,000	461.00	381.00	255.00	128.00
121,001 to 122,000	465.00	384.00	257.00	129.00
122,001 to 123,000	469.00	387.00	259.00	129.50
123,001 to 124,000	472.00	390.00	260.00	130.00
124,001 to 125,000	476.00	393.00	262.00	131.00
125,001 to 126,000	480.00	396.00	264.00	132.00
126,001 to 127,000	484.00	399.00	266.00	133.00
127,001 to 128,000	488.00	402.00	268.00	135.00
128,001 to 129,000	492.00	406.00	271.00	136.00
129,001 to 130,000	495.00	410.00	273.00	137.00
130,001 to 131,000	499.00	413.00	276.00	138.00
131,001 to 132,000	503.00	415.00	278.00	139.00
132,001 to 133,000	507.00	419.00	280.00	140.00
133,001 to 134,000	511.00	422.00	282.00	141.00
134,001 to 135,000	515.00	425.00	284.00	142.00
135,001 to 136,000	519.00	428.00	286.00	143.00
136,001 to 137,000	523.00	432.00	288.00	144.00
137,001 to 138,000	526.00	435.00	290.00	145.00
138,001 to 139,000	530.00	439.00	292.00	146.00
139,001 to 140,000	534.00	442.00	294.00	147.00

O. Reg. 145/73, s. 1 (2).

2. This Regulation comes into force on the 1st day of April, 1973.



THE HIGHWAY TRAFFIC ACT

O. Reg. 146/73.

Stop Signs at Intersections.  
Made—March 14th, 1973.  
Filed—March 19th, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1. Regulation 432 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

Schedule 48

1. Highway No. 548 in the Township of St. Joseph in the Territorial District of Algoma at its intersection with Highway No. 548 and "D" Line Road.

2. Southbound on Highway No. 548. O. Reg. 146/73, s. 1.

(5140)

14

THE HIGHWAY TRAFFIC ACT

O. Reg. 147/73.

Restricted Use of Left Lanes by  
Commercial Motor Vehicles.  
Made—March 14th, 1973.  
Filed—March 19th, 1973.

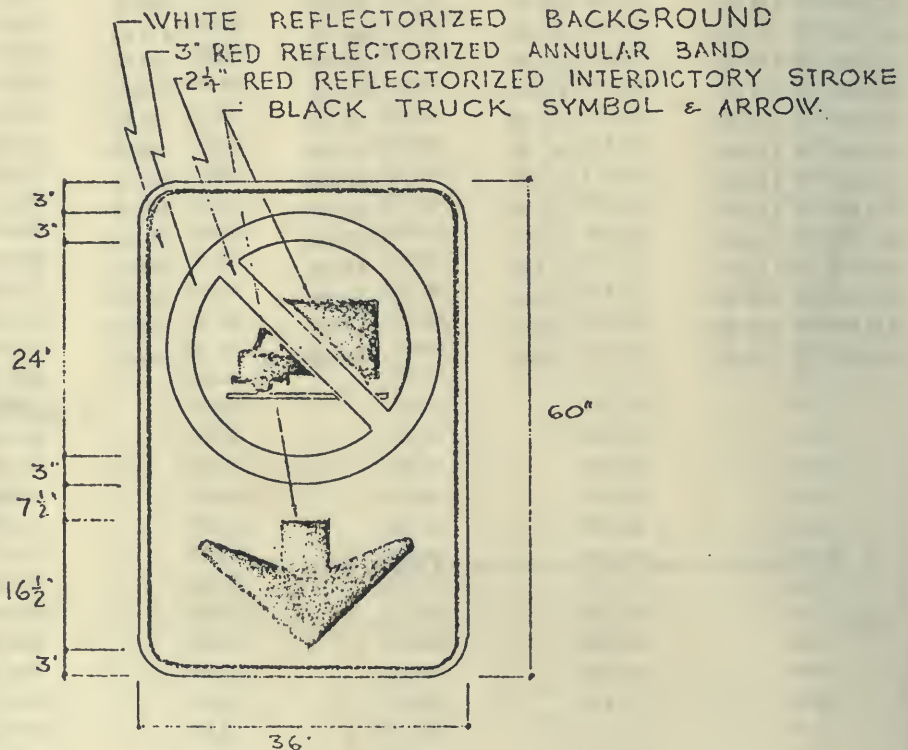
REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

RESTRICTED USE OF LEFT LANES BY  
COMMERCIAL MOTOR VEHICLES

1.—(1) Subject to subsection 2, no person shall operate a commercial motor vehicle except a motor bus in the left lane of those portions of the King's Highways described in the schedules.

(2) Subsection 1 does not apply to a commercial motor vehicle engaged in maintenance or construction or where an emergency requires the use of the left lane by a commercial motor vehicle. O. Reg. 147/73, s. 1.

2.—(1) A sign indicating that commercial motor vehicles are prohibited in the left lane of a highway shall be in the form and dimensions prescribed and illustrated in the following Figure:



(2) The sign referred to in subsection 1 shall be erected on the first overhead structure after each interchange directly above the left lane on those portions of the King's Highways described in the schedules. O. Reg. 147/73, s. 2.

### Schedule 1

#### HIGHWAY NO. 401

1. That part of the King's Highway known as No. 401 lying between a point situate at its intersection with the roadway known as Port Union Road in the Township of Pickering in the County of Ontario and a point situate at its intersection with the roadway known as Renforth Drive in the Borough of Etobicoke in The Municipality of Metropolitan Toronto. O. Reg. 147/73, Sched. 1.

### Schedule 2

#### HIGHWAY NO. 400

1. That part of the King's Highway known as No. 400 lying between a point situate at its intersection with the King's Highway known as No. 401 in The Municipality of Metropolitan Toronto and a point situate at its intersection with the King's Highway known as No. 11 in the Township of Vespra in the County of Simcoe. O. Reg. 147/73, Sched. 2.

### Schedule 3

#### HIGHWAY NO. 403

1. That part of the King's Highway known as No. 403 lying between a point situate at its intersection with the King's Highway known as the Queen Elizabeth Way in the Town of Burlington in the County of Halton and a point situate at its intersection with the roadway known as Mohawk Road in the Township of Ancaster in the County of Wentworth. O. Reg. 147/73, Sched. 3.

### Schedule 4

#### QUEEN ELIZABETH WAY

1. That part of the King's Highway known as the Queen Elizabeth Way lying between a point situate at its intersection with the roadway known as Grand Avenue in The Municipality of Metropolitan Toronto and a point situate at its intersection with the King's Highway known as No. 403 in the Town of Burlington in the County of Halton. O. Reg. 147/73, Sched. 4.

(5141)

14

## THE HIGHWAY TRAFFIC ACT

### O. Reg. 148/73.

Use of Controlled-Access Highways  
by Pedestrians.

Made—March 14th, 1973.

Filed—March 19th, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Schedule 9 to Regulation 434 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 8 in The Regional Municipality of Waterloo lying between a point situate at its intersection with the King's Highway known as No. 7 in the City of Kitchener and a point situate at its intersection with the roadway known as Freeport Drive in the Township of Waterloo.

(5142)

14

## THE HIGHWAY TRAFFIC ACT

### O. Reg. 149/73.

Speed Limits.

Made—March 14th, 1973.

Filed—March 19th, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Part 6 of Schedule 2 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 3 in the Township of Sandwich West in the County of Essex commencing at a point situate at its intersection with the easterly limit of the roadway known as Todd Lane and extending easterly therealong for a distance of 1500 feet more or less.

Essex—

Twp. of  
Sandwich West

2.—(1) Paragraph 10 of Part 1 of Schedule 13 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

10. That part of the King's Highway known as No. 8 in The Regional Municipality of Waterloo lying between a point situate 335 feet measured



Twp. of Waterloo westerly from its intersection with the line between lots 10 and 13 in Broken Front Concession East of Grand River, Richard Beasley's Lower Block in the Township of Waterloo and a point situate at its intersection with the centreline of the roadways known as Seventh Avenue and Franklin Street in the City of Kitchener.

- (2) Part 4 of the said Schedule 13 is amended by adding thereto the following paragraph:

13. That part of the King's Highway known as No. 8 in the City of Kitchener in the Regional Municipality of Waterloo—  
City of Kitchener—  
lying between a point situate at its intersection with the centreline of the roadway known as Montgomery Avenue and a point situate at its intersection with the centreline of the roadways known as Seventh Avenue and Franklin Street.

- 3.—(1) Paragraph 6 of Part 1 of Schedule 19 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

6. That part of the King's Highway known as No. 12 in the County of Ontario—  
Twps. of Brock and Mara—  
lying between a point situate 2600 feet measured northerly from its intersection with the line between lots 12 and 13 in Concession 6 in the Township of Brock and a point situate 2200 feet measured southerly from its intersection with the southerly limit of the road allowance between concessions 3 and 4 in the Township of Mara.

- (2) Paragraph 10 of Part 1 of the said Schedule 19 is revoked.

- (3) Paragraphs 5 and 6 of Part 4 of the said Schedule 19 is revoked.

- 4.—(1) Paragraph 3 of Part 1 of Schedule 28 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

3. That part of the King's Highway known as No. 18 in the County of Essex—  
Twps. of Coldchester South and Gosfield South—  
lying between a point situate 2000 feet measured easterly from its intersection with the line between lots 13 and 14 in Gore Concession Second Range in the Township of Coldchester South and a point situate at its intersection with the line between lots 9 and 10 in Front Concession in the Township of Gosfield South.

- (2) Paragraph 5 of Part 4 of the said Schedule 28 is revoked.

- 5.—(1) Paragraph 1 of Part 3 of Schedule 34 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 24 in the City of Guelph in the County of Wellington lying between a point situate 356 feet measured southerly from its intersection with the southerly limit of the road allowance between lots C and 1 and a point situate at its intersection with the northerly limit of the road allowance between lots F and G.

- (2) Paragraph 6 of Part 5 of the said Schedule 34 is revoked.

- 6.—(1) Part 1 of Schedule 37 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

4. That part of the King's Highway known as No. 26 in the County of Simcoe—  
Twp. of Nottawasaga—  
Town of Collingwood—  
lying between a point situate 1500 feet measured northerly from its intersection with the line between lots 25 and 26 in Concession 2 in the Township of Nottawasaga and a point situate 200 feet measured southerly from its intersection with the centreline of the roadway known as Elliott Street in the Town of Collingwood.

5. That part of the King's Highway known as No. 26 lying between a point situate 500 feet measured westerly from its intersection with the centreline of the roadway known as Harbour Street in the Town of Collingwood in the County of Simcoe and a point situate 1500 feet measured westerly from its intersection with the centreline of the roadway known as Hidden Lake Road in the Township of Collingwood in the County of Grey.

- (2) Paragraph 1 of Part 2 of the said Schedule 37 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 26 in the Township of Collingwood in the County of Grey—  
Twp. of Collingwood—  
lying between a point situate 1500 feet measured westerly from its intersection with the centreline of the roadway known as Hidden Lake Road and a point situate at its intersection with the line between lots 31 and 32 in Concession 9.



(3) Paragraph 2 of Part 2 of the said Schedule 37 is revoked.

(4) Paragraphs 3 and 4 of Part 4 of the said Schedule 37 is revoked and the following substituted therefor:

Grey—  
Twp. of  
St. Vincent

3. That part of the King's Highway known as No. 26 in the Township of St. Vincent in the County of Grey commencing at a point situate 650 feet measured easterly from its intersection with the easterly limit of the roadway known as St. Vincent Street and extending easterly therealong for a distance of 800 feet more or less.

Simcoe—  
Twp. of  
Nottawasaga

4. That part of the King's Highway known as No. 26 in the Township of Nottawasaga in the County of Simcoe commencing at a point situate at its intersection with the line between lots 25 and 26 in Concession 2 and extending northerly therealong for a distance of 1500 feet more or less.

(5) Part 4 of the said Schedule 37 is amended by adding thereto the following paragraphs:

Simcoe—  
Town of  
Collingwood

7. That part of the King's Highway known as No. 26 in the Town of Collingwood in the County of Simcoe lying between a point situate 200 feet measured southerly from its intersection with the centreline of the roadway known as Elliott Street and a point situate at its intersection with the westerly limit of the roadway known as Pretty River Parkway.

Simcoe—  
Town of  
Collingwood

8. That part of the King's Highway known as No. 26 in the Town of Collingwood in the County of Simcoe commencing at a point situate at its intersection with the centreline of the roadway known as Harbour Street and extending westerly therealong for a distance of 500 feet more or less.

7.—(1) Paragraph 8 of Part 1 of Schedule 38 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

Simcoe—  
Twps. of  
Tecumseth  
and  
Gwillimbury  
West

8. That part of the King's Highway known as No. 27 in the townships of Tecumseth and Gwillimbury West in the County of Simcoe lying between a point situate 750 feet measured northerly from its intersection with the southerly limit of the road allowance between concessions 9 and 10 and a point situate 3600 feet measured southerly from its intersection with the southerly limit of the King's Highway known as No. 89.

(2) Paragraph 2 of Part 4 of the said Schedule 38 is revoked.

(3) Paragraph 2 of Part 5 of the said Schedule 38 is revoked.

8.—(1) Part 1 of Schedule 45 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

Provisional  
County of  
Haliburton  
and Victoria—  
  
Twps. of  
Laxton and  
Lutterworth

6. That part of the King's Highway known as No. 35 lying between a point situate at its intersection with the southerly limit of the northerly junction of the roadway known as Cameron Road in Lot 8 in Concession 10 in the Township of Laxton in the County of Victoria and a point situate 1000 feet measured southerly from its intersection with the northerly limit of the roadway known as Clear Lake Road in the Township of Lutterworth in the Provisional County of Haliburton.

Provisional  
County of  
Haliburton—  
  
Twps. of  
Lutterworth  
and Anson,  
Hindon and  
Minden

7. That part of the King's Highway known as No. 35 in the Provisional County of Haliburton lying between a point situate 500 feet measured northerly from its intersection with the northerly limit of the roadway known as Clear Lake Road in the Township of Lutterworth and a point situate 500 feet measured northerly from its intersection with the northerly limit of the roadway known as South Entrance to the Hamlet of Minden in the Township of Anson, Hindon and Minden.

(2) Part 4 of the said Schedule 45 is amended by adding thereto the following paragraphs:

Victoria—  
  
Twp. of  
Laxton

2. That part of the King's Highway known as No. 35 in the Township of Laxton in the County of Victoria lying between a point situate 300 feet measured southerly from its intersection with the centreline of the southerly junction of the roadway known as Cameron Road in Lot 7 in Concession 11 and a point situate at its intersection with the southerly limit of the northerly junction of the roadway known as Cameron Road in Lot 8 in Concession 10.

Provisional  
County of  
Haliburton—  
  
Twp. of  
Lutterworth

3. That part of the King's Highway known as No. 35 in the Township of Lutterworth in the Provisional County of Haliburton commencing at a point situate 1000 feet measured southerly from its intersection with the northerly limit of the roadway known as Clear Lake Road and extending northerly therealong for a distance of 1500 feet more or less.

9. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

### HIGHWAY NO. 417

#### Schedule 130a

##### PART 1

(Reserved)

##### PART 2

(Reserved)

##### PART 3

(Reserved)

##### PART 4

(Reserved)

##### PART 5

(Reserved)

##### PART 6

(Reserved)

##### PART 7

(Reserved)

##### PART 8

Regional  
Municipality  
of Ottawa-  
Carleton—

Twp. of  
Gloucester

1. That part of the King's Highway known as No. 417 lying between a point situate at its intersection with the King's Highway known as No. 17 in the Township of Gloucester in The Regional Municipality of Ottawa-Carleton and a point situate at its intersection with the Ontario-Quebec boundary line. O. Reg. 149/73, s. 9.

10. Part 7 of Schedule 136 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 518 in the Township of Parry Sound in the Territorial District of Parry Sound lying between a point situate at its intersection with the line between lots 9 and 10 in Concession 11 and a point situate 350 feet measured easterly from its intersection with the line between lots 7 and 8 in the said Concession 11.

- 11.—(1) Paragraphs 1 and 2 of Part 3 of Schedule 185a to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 12 of Ontario Regulation 512/71, are revoked and the following substituted therefor:

1. That part of the King's Highway known as North Service Road of the Queen Elizabeth Way lying between a point situate 500 feet measured easterly from its intersection with the centreline of the roadway known as Lake Avenue in the City of Hamilton in the County of Wentworth and a point situate at its intersection with the roadway known as Kerman Avenue in the Town of Grimsby in The Regional Municipality of Niagara.

2. That part of the King's Highway known as the North Service Road of the Queen Elizabeth Way in The Regional Municipality of Niagara lying between a point situate at its intersection with the line between the Town of Grimsby and the Town of Lincoln and a point situate at its intersection with the centreline of the roadway known as Twenty-First Street in the Town of Lincoln.

- (2) Part 7 of the said Schedule 185a, as made by section 12 of Ontario Regulation 512/71, is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as the North Service Road of the Queen Elizabeth Way in The Regional Municipality of Niagara lying between a point situate at its intersection with the centreline of the roadway known as Kerman Avenue in the Town of Grimsby and a point situate at its intersection with the line between the Town of Grimsby and the Town of Lincoln.

12. Paragraphs 1 and 2 of Part 3 of Schedule 185b to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 12 of Ontario Regulation 512/71, are revoked and the following substituted therefor:

1. That part of the King's Highway known as the South Service Road of the Queen Elizabeth Way lying between a point situate 500 feet measured easterly from its intersection with the centreline of the roadway known as Lake Avenue in the City of Hamilton in the County of Wentworth and a point situate at its intersection with the centreline of the roadway known as Patton Street in the Town of Grimsby in The Regional Municipality of Niagara.



Regional Municipality of Niagara—  
Towns of Lincoln and Grimsby

2. That part of the King's Highway known as the South Service Road of the Queen Elizabeth Way in The Regional Municipality of Niagara lying between a point situate at its intersection with the centreline of the roadway known as Book Road in the Town of Grimsby and a point situate at its intersection with the centreline of the roadway known as Twenty-First Street in the Town of Lincoln.

(5143)

14

# **THE CROWN EMPLOYEES COLLECTIVE BARGAINING ACT, 1972**

**O. Reg. 150/73.**

General.

Made—March 14th, 1973.

Filed—March 20th, 1973.

## REGULATION MADE UNDER THE CROWN EMPLOYEES COLLECTIVE BARGAINING ACT, 1972

1. Ontario Regulation 577/72 is amended by adding thereto the following sections:

12. Forms 4 to 40 are prescribed for use as provided in the rules made by the Tribunal pursuant to subsection 1 of section 41 of the Act. O. Reg. 150/73, s. 1, *part*

13. A copy of a decision of the Public Service Grievance Board for filing in the office of the Registrar of the Supreme Court under subsection 4 of section 18 of the Act shall be in Form 41. O. Reg. 150/73, s. 1, *part*.

14. A statement of the suspension of the autonomy of an employee organization pursuant to subsection 44 of the Act shall be in Form 42. O. Reg. 150/73, s. 1, *part*.

15. An affidavit of service of a summons to a witness shall be in Form 43. O. Reg. 150/73, s. 1, *part*.

2. Ontario Regulation 577/72 is amended by adding thereto the following forms:

### **Form 4**

#### *The Crown Employees Collective Bargaining Act, 1972*

#### **APPLICATION FOR REPRESENTATION RIGHTS BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL**

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent.

The applicant applies to the Ontario Public Service Labour Relations Tribunal for representation rights as bargaining agent of the employees of the respondent in a unit that it claims to be appropriate for collective bargaining.

The applicant states:

1. (a) address of applicant:  
(b) address of applicant for service:
2. Detailed description of the unit of employees of the respondent that the applicant claims to be appropriate for collective bargaining:
3. Approximate number of employees in the unit described in paragraph 2:
4. The name and address of any employee organization known to the applicant as claiming to be the bargaining agent of, or as claiming to represent, any employees who may be affected by this application:
5. Other relevant statements (attach additional pages if necessary):

DATED at this day of , 19

.....  
(signature for the applicant)

O. Reg. 150/73, s. 2, *part*.



FILE No. ....

Form 5

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF FIXING TERMINAL DATE  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

TO THE APPLICANT,

1. TAKE NOTICE that, in accordance with the Tribunal's direction, I have fixed the            day of           , 19   , as the terminal date for this application.
2. Your attention is directed to subsections 1 and 2 of section 10 of the rules of procedure which read as follows:
- (1) Evidence of membership in an employee organization or of objection by employees to representation rights of an employee organization or of signification by employees that they no longer wish to be represented by an employee organization shall not be accepted by the Tribunal on an application for representation rights or for a declaration terminating rights unless the evidence is in writing, signed by the employee or each member of a group of employees, as the case may be, and,
- (a) is accompanied by,
- (i) the return mailing address of the person who files the evidence, objection or signification, and
- (ii) the name of the body, if any, representing the employer; and
- (b) is filed not later than the terminal date for the application.
- (2) No oral evidence of membership in an employee organization or of objection by employees to representation rights of an employee organization or of signification by employees that they no longer wish to be represented by an employee organization shall be accepted by the Tribunal except to identify and substantiate the written evidence referred to in subsection 1.
3. The hearing of the application by the Tribunal will take place at its Board Room, 400 University Avenue, Toronto, Ontario, on            day, the            day of           , 19   .

DATED at            this            day of           , 19   .

.....  
Registrar

O. Reg. 150/73, s. 2, *part.*

Form 6

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION FOR REPRESENTATION RIGHTS AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent,

TO THE RESPONDENT,

1. TAKE NOTICE that the applicant, on \_\_\_\_\_, 19\_\_\_\_, made an application to the Ontario Public Service Labour Relations Tribunal for representation rights as bargaining agent of your employees in a bargaining unit described in the attached copy of the application.

2. You are required to post the enclosed Notices to Employees of Application for Representation Rights and of Hearing (Form 7), immediately. These notices are to be posted in conspicuous places where they are most likely to come to the attention of all employees who may be affected by the application. You shall keep them posted upon your premises until the close of business on the terminal date set out in paragraph 4.

3. You shall complete and send to the Tribunal immediately the Return of Posting (Form 17), which is attached hereto.

4. The terminal date fixed for this application as directed by the Tribunal is the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

5. You shall send to the Tribunal your reply so that,

(a) it is received by the Tribunal not later than the terminal date shown in paragraph 4; or

(b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the terminal date shown in paragraph 4.

6. If, in your reply, you propose a bargaining unit different from the one proposed by the applicant, you shall indicate on the list of employees in the Schedule to your reply the name and classification of any person you propose should be excluded from, as well as the name and classification of any person you propose should be added to, the bargaining unit proposed by the applicant and you shall forward to the Tribunal appropriate documents containing the signatures of any additional person.

7. If you fail to file a Reply in Form 9 and the documents containing signatures as set out in subsection 2 of section 6 of the Rules of the Tribunal, the Tribunal may proceed to dispose of the application on the evidence before it without further notice to you.

8. AND FURTHER TAKE NOTICE of the hearing of the application by the Tribunal at its Board Room, 400 University Avenue, Toronto, Ontario, on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

.....  
Registrar

O. Reg. 150/73, s. 2, *part*.

## Form 7

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE TO EMPLOYEES OF APPLICATION FOR  
 REPRESENTATION RIGHTS AND OF HEARING  
 BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent.

## NOTICE TO EMPLOYEES:

1. TAKE NOTICE that the applicant, on \_\_\_\_\_, 19\_\_\_\_, made an application to the Ontario Public Service Labour Relations Tribunal for representation rights as bargaining agent of \_\_\_\_\_ in the following bargaining unit:
2. Your attention is directed to the following information contained in the application:
3. The hearing of the application by the Tribunal will take place at its Board Room, 400 University Avenue, Toronto, Ontario, on \_\_\_\_\_ day the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.
4. The terminal date fixed for this application as directed by the Tribunal is the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.
5. Any employee or group of employees affected by the application and desiring to make representations to the Tribunal in opposition to this application shall send to the Tribunal a statement in writing of such desire, which shall,
  - (a) contain the return mailing address of the employee or representative of a group of employees;
  - (b) contain the name of the body, if any, representing the respondent employer; and
  - (c) be signed by the employee or each member of a group of employees.
6. The statement of desire must be,
  - (a) received by the Tribunal not later than the terminal date shown in paragraph 4; or
  - (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, mailed not later than the terminal date shown in paragraph 4.
7. A statement of desire that does not comply with paragraphs 5 and 6 will not be accepted by the Tribunal.
8. Any employee, or group of employees, who has informed the Tribunal in writing of his or their desire in accordance with paragraphs 5 and 6 may attend and be heard at the hearing in person or by a representative. Any employee or representative who appears at the hearing will be required to testify, or produce a witness or witnesses who will be able to testify from his or their personal knowledge and observation, as to (a) the circumstances concerning the origination of the material filed, and (b) the manner in which each of the signatures was obtained.



Registrar

FILE No.....

2. There were ..... persons who were employees of the respondent in the (number) bargaining unit that the \*applicant herein claims to be appropriate for collective \*intervener bargaining on the date of the making of the application.
3. (Where the documentary evidence consists of receipts or other acknowledgements of the payment on account of dues or initiation fees.) On the basis of my personal knowledge and inquiries I have made, I state that the persons whose names appear on the receipts or other acknowledgements of the payment on account of dues or initiation fees are the persons who actually collected the moneys paid on account of dues or initiation fees and that each member, on whose behalf a receipt or acknowledgement of payment is submitted has personally paid in money the amount shown thereon on his own behalf to the person whose name appears on his receipt or acknowledgement of payment as collector, EXCEPT IN THE FOLLOWING INSTANCES:

DATED at , this day of , 19  
.....  
(signature)  
O. Reg. 150/73, s. 2, part.

FILE NO.....

Form 9

*The Crown Employees Collective Bargaining Act, 1972*

REPLY TO APPLICATION FOR REPRESENTATION RIGHTS  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent.

The respondent replies to the application for representation rights as follows:

The respondent states:

1. (a) name of body, if any, representing the respondent:  
(b) address of respondent or body representing respondent for service:
2. Total number of employees of the respondent on the payroll of the Ministries or agencies or both in respect of which the application for representation rights has been made:
3. Total number of employees in the unit described by the applicant as being appropriate for collective bargaining as of the date the application was made:
4. Detailed description of the unit claimed by the respondent to be appropriate for collective bargaining, including the municipality or other geographical area affected:
5. Number of employees in the unit claimed by the respondent to be appropriate for collective bargaining as of the date the application was made:

6. The name and address of any employee organization known to the respondent or the body representing the respondent as claiming to be the bargaining agent of or to represent any employees who may be affected by the application:
7. The date of the grant of any representation rights of a bargaining agent of any employees who may be affected by the application:

\*Strike out \*8. The respondent is or was a party to or bound by a collective agreement, a copy of which is enclosed, with an employee organization that, applicable.

- (a) was signed on the                      day of                      , 19                      :
- (b) became effective on the                      day of                      , 19                      :
- (c) contains the following provision relating to its termination or renewal:
9. A list is set out in the Schedule hereto of all employees in the bargaining unit described in the application as at .....the date when the applicant's application was made.
10. Documents, from among existing employment records, containing the signatures of the employees whose names appear on the list referred to in paragraph 9, arranged in alphabetical order, accompany this Reply.

11. Other relevant statements (use additional pages if necessary):

DATED at                      , this                      day of                      , 19                      .

.....  
(signature for the respondent)

Schedule

A. List (alphabetically arranged) of all employees in the bargaining unit described in the application of the applicant as at the                      day of                      , 19                      . (Do not include the names of employees that appear in B or C)

Name	Occupational Classification
1.	
2.	
3.	
4.	
5.	



B. List (alphabetically arranged) of all employees who were not actually at work on the day of \_\_\_\_\_, 19\_\_\_\_ by reason of lay-off, in the bargaining unit described in the application of the applicant.

Name	Occupational Classification	Date of Lay-off	Expected Date of Recall
1.			
2.			
3.			
4.			
5.			

C. List (alphabetically arranged) of all employees not previously shown who were not at work on the day of \_\_\_\_\_, 19\_\_\_\_, in the bargaining unit described in the application of the applicant.

Name	Occupational Classification	Last Day Worked	Reason for Absence	Expected Date of Return
1.				
2.				
3.				
4.				
5.				

This list has been prepared by me or under my direction and I confirm the accuracy thereof.

.....  
(signature of officer of employer)

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 10

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent.

To:

1. TAKE NOTICE that the applicant, on \_\_\_\_\_, 19\_\_\_\_, made to the Ontario Public Service Labour Relations Tribunal an application for representation rights as bargaining agent of the employees of the respondent in a bargaining unit described in the attached copy of the application.

2. AND FURTHER TAKE NOTICE that if you claim to represent any of the employees affected by the application, you shall send to the Tribunal your intervention thereon so that,

- (a) it is received by the Tribunal; or
- (b) if mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed,

not later than the terminal date fixed for this application as directed by the Tribunal, which terminal date is the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, and that if you fail to send an intervention not later than the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, you may be deemed by the Tribunal to have abandoned your claim, if any, to represent any of the employees who may be affected by the application.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

.....  
Registrar

O. Reg. 150/73, s. 2, *part.*

FILE No. ....

Form 11

*The Crown Employees Collective Bargaining Act, 1972*

INTERVENTION  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

..... intervenes in this proceeding.  
(name of intervener)

1. The intervener states:

- (a) address of intervener:
- (b) address of intervener for services:

\*Strike out if not applicable. 2. The intervener is an employee organization that,  
\*(a) represents employees; or  
\*(b) is the bargaining agent of employees who may be affected by the application

OR

- \*3. The intervener is the employer of the employees affected by this application.
- \*4. The intervener submits with this intervention the following documentary evidence:
- 5. The intervener desires to make the following submissions:

DATED at , this day of , 19

.....  
(signature for the intervener)

O. Reg. 150/73, s. 2, *part.*



FILE No.....

Form 12

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF INTERVENTION AND APPLICATION  
FOR REPRESENTATION RIGHTS  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent,

— and —

Intervener.

The intervener applies to the Ontario Public Service Labour Relations Tribunal for representation rights as bargaining agent of the employees of the respondent in a unit that it claims to be appropriate for collective bargaining.

The intervener states:

- 1. (a) address of intervener:  
(b) address of intervener for service:
- 2. Detailed description of the unit of employees of the respondent that the intervener claims to be appropriate for collective bargaining, including the municipality or other geographic area affected:
- 3. Approximate number of employees in the unit described in paragraph 2:
- 4. Other relevant statements (attach additional pages if necessary):

DATED at , this day of , 19 .

.....  
(signature for the intervener)

O. Reg. 150/73, s. 2, *part.*

**Form 13**

*The Crown Employees Collective Bargaining Act, 1972*

**NOTICE OF TAKING OF VOTE BY  
THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL  
PURPOSE OF VOTE**

**WHEREAS**

has applied to the Tribunal for  
certain employees of

**AND WHEREAS** the Tribunal has directed a representation vote in the matter:

**THEREFORE TAKE NOTICE** that, under the direction of the Tribunal, a representation vote of the employees described below will be taken under the supervision of officials of the Tribunal.

**SECRET BALLOT**

The vote shall be by secret ballot. The Returning Officer will issue a ballot to each eligible voter presenting himself to vote at his proper polling place. The voter will mark his ballot in secret in a polling booth, fold it and deposit it in the ballot box provided at the polling place. The Returning Officer is the proper person to whom inquiries should be directed by employees who are in doubt as to their eligibility to vote or as to the voting procedure.

**ELECTIONEERING**

I direct all interested persons to refrain and desist from propaganda and electioneering from midnight of ..... day, the..... day of....., 19...., until the vote is taken.

**SCRUTINEERS**

One scrutineer approved by me and representing each interested party may be designated for each polling place. The scrutineers have the following duties and privileges:

1. To act as checkers of voters' lists at the polling place.
2. To assist in the identification of voters.
3. Otherwise to assist in the conduct of the vote as may be required by the Returning Officer.

**ELIGIBLE VOTERS**

Persons eligible to vote are:

**TIME AND PLACE OF TAKING VOTE**

Voters may cast ballots at their proper polling place at any time during the period in which voting is to take place.

The vote will be taken at the following time and place:

Date:

Hours:

Place:

## FORM OF BALLOT

This is a sample of the ballot to be used for the vote:

Mark "X" opposite your choice IN YOUR EMPLOYMENT RELATIONS WITH DO YOU WISH TO BE REPRESENTED BY	
_____	
_____ OR _____	
_____ OR _____	
No employee organization	

DO NOT SIGN, NUMBER, OR OTHERWISE MARK YOUR  
BALLOT IN SUCH A WAY AS TO REVEAL YOUR IDENTITY.

VOTERS ARE ENTITLED TO VOTE WITHOUT INTERFERENCE, RESTRAINT OR COERCION.

THIS IS AN OFFICIAL NOTICE OF THE TRIBUNAL AND SHALL NOT BE REMOVED OR  
DEFACED.

DATED this.....day of....., 19.....

O. Reg. 150/73, s. 2, *part.*

FILE No.....

## Form 14

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF REPORT OF RETURNING OFFICER  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent,

— and —

Intervener.

To:

1. Attached hereto is a copy of my report upon the representation vote herein held on the  
day of \_\_\_\_\_, 19\_\_\_\_, under the direction of the Tribunal dated the \_\_\_\_\_ day of  
\_\_\_\_\_, 19\_\_\_\_.



2.—(1) TAKE NOTICE that if you desire to make representations as to any matter relating to the representation vote, or as to the accuracy of the report, or as to the conclusions the Tribunal should reach in view of the report, you shall send to the Tribunal a statement of desire to make representations which shall,

- (a) be in writing signed by the person making the statement or his representative;
- (b) contain the names of the parties to the application;
- (c) contain a return mailing address; and
- (d) contain a statement as to whether you desire a hearing before the Tribunal in connection with the report.

(2) If you desire to make representations as to any matter relating to the representation vote, or as to the accuracy of the report, your statement of desire shall contain a concise statement of your allegations concerning the representation vote or as to errors in or omissions from the report.

(3) If you wish to make representations as to the conclusions the Tribunal should reach in view of the report, you shall include in your statement a summary of the representations you wish the Tribunal to consider in connection with the report.

3. A statement referred to in paragraph 2 shall be sent to the Tribunal so that,

- (a) it is received by the Tribunal not later than the                      day of                      , 19                      ; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the                      day of                      , 19                      .

\*4. IF NO STATEMENT OF DESIRE TO MAKE REPRESENTATIONS IS SENT TO THE TRIBUNAL IN ACCORDANCE WITH PARAGRAPHS 2 AND 3, THE TRIBUNAL MAY DISPOSE OF THE APPLICATION UPON THE MATERIAL BEFORE IT WITHOUT FURTHER NOTICE TO THE PARTIES OR THE EMPLOYEES.

DATED at                      , this                      day of                      , 19                      .

.....  
Returning Officer

\*If you do not request a hearing but wish the Tribunal to consider your representations without a hearing, you shall include in your statement of desire all representations you desire the Tribunal to consider.

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 15

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF REPORT OF RETURNING OFFICER  
WHERE TRIBUNAL HAS DIRECTED THAT BALLOT BOX  
BE SEALED  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent,

— and —

Intervener.

To:

1. Attached hereto is a copy of my report upon the representation vote herein held on the day of , 19 , under the direction of the Tribunal dated the day of , 19 .

2. The Tribunal has directed that the ballot box containing the ballots cast in the representation vote be sealed and that the ballots shall not be counted at this time.

3.—(1) TAKE NOTICE that if you desire to make representations, as to any matter relating to the representation vote, you shall send to the Tribunal a statement of desire to make representations which shall,

- (a) be in writing signed by the person making the statement or his representative;
- (b) contain the names of the parties to the application;
- (c) contain a return mailing address; and
- (d) contain a statement as to whether you desire a hearing before the Tribunal.

(2) Your statement of desire shall contain a summary of the representations you wish the Tribunal to consider.

4. A statement referred to in paragraph 3 shall be sent to the Tribunal so that,

- (a) it is received by the Tribunal not later than the day of , 19 ; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the day of , 19 .

\*5. IF NO STATEMENT OF DESIRE TO MAKE REPRESENTATIONS IS SENT TO THE TRIBUNAL IN ACCORDANCE WITH PARAGRAPHS 3 AND 4, THE TRIBUNAL MAY DISPOSE OF THE APPLICATION UPON THE MATERIAL BEFORE IT ON ALL MATTERS EXCEPT AS TO THE RESULT OF THE VOTE WITHOUT FURTHER NOTICE TO THE PARTIES OR THE EMPLOYEES.

DATED at , this day of , 19 .

.....  
Returning Officer

\*If you do not request a hearing but wish the Tribunal to consider your representations without a hearing, you shall include in your statement of desire all the representations you desired the Tribunal to consider.

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 16

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF REPORT OF RETURNING OFFICER  
ON COUNTING OF BALLOTS  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

the Crown in right of Ontario,

Respondent,

— and —

Intervener.

To:

1. Attached hereto is a copy of my report upon the counting of the ballots in the representation vote herein held on the                      day of                      , 19                      , under the direction of the Tribunal dated the                      day of                      , 19                      .

2.—(1) TAKE NOTICE that if you desire to make representations as to the accuracy of the report, or as to the conclusions the Tribunal should reach in view of the report, you shall send to the Tribunal a statement of desire to make representations which shall,

- (a) be in writing signed by the person making the statement or his representative;
- (b) contain the names of the parties to the application;
- (c) contain a return mailing address; and
- (d) contain a statement as to whether you desire a hearing before the Tribunal in connection with the report.

(2) If you desire to make representations as to the accuracy of the report, your statement of desire shall contain a concise statement of your allegations concerning the errors in or omissions from the report.

(3) If you wish to make representations as to the conclusions the Tribunal should reach in view of the report, your statement shall contain a summary of the representations you wish the Tribunal to consider in connection with the report.

3. A statement referred to in paragraph 2 shall be sent to the Tribunal so that,,

- (a) it is received by the Tribunal not later than the                      day of                      , 19                      ; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the                      day of                      , 19                      .



\*4. IF NO STATEMENT OF DESIRE TO MAKE REPRESENTATIONS IS SENT TO THE TRIBUNAL IN ACCORDANCE WITH PARAGRAPHS 2 AND 3, THE TRIBUNAL MAY DISPOSE OF THE APPLICATION UPON THE MATERIAL BEFORE IT WITHOUT FURTHER NOTICE TO THE PARTIES OR EMPLOYEES.

DATED at , this day of , 19 .

Returning Officer

\*If you do not request a hearing but wish the Tribunal to consider your representations without a hearing, your statement of desire shall contain all the representations you desire the Tribunal to consider.

O. Reg. 150/73, s. 2, *part.*

FILE No. ....

Form 17

*The Crown Employees Collective Bargaining Act, 1972*

RETURN OF POSTING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

I, ..... hereby declare that:  
(name)

(1) I am the ....., of the employer.  
(office or position)

(2) I did, on the day of , 19 , post upon the premises of the employer ..... notices to employees in this matter, in conspicuous places where they are (number) most likely to come to the attention of all employees who may be affected by the application.

DATED at , this day of , 19 .

(signature)

Re:

I, ..... have ascertained from employees affected (name of representative) by this application that the Notices to Employees (Form ) were posted by the employer on .....

(representative of applicant)

Registrar,  
Ontario Public Service Labour Relations Tribunal,  
400 University Avenue,  
Toronto, Ontario.

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

## Form 18

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent,

— and' —

Intervener.

To:

TAKE NOTICE of the hearing by the Tribunal of

at the Board Room, 400 University Avenue, Toronto, Ontario on \_\_\_\_\_ day the \_\_\_\_\_, day of \_\_\_\_\_, 19\_\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.

DATED this                      day of                      , 19

Registrar

O. Reg. 150/73, s. 2, *part.*

Form 19

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF REPORT OF INQUIRY OFFICER  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent,

— and —

Intervener.

To:

1. Attached hereto is a copy of the report of \_\_\_\_\_ upon the inquiry he was authorized to make under the Tribunal's direction, dated the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, in this matter.

2.—(1) TAKE NOTICE that if you desire to make representations as to the accuracy of the report or as to the conclusions the Tribunal should reach in view of the report, you shall send to the Tribunal a statement of desire to make representations which shall,

- (a) be in writing signed by the person making the statement or by his representative;
- (b) contain the names of the parties to the application;
- (c) contain a return mailing address; and
- (d) contain a statement as to whether you desire a hearing before the Tribunal in connection with the report.

(2) If you desire to make representations as to the accuracy of the report, your statement of desire shall contain a concise statement of your allegations as to errors in or omissions from the report.

(3) If you wish to make representations as to the conclusions the Tribunal should reach in view of the report, your statement shall contain a summary of the representations you wish the Tribunal to consider in connection with the report.

3. A statement referred to in paragraph 2 shall be sent to the Tribunal so that,

- (a) it is received by the Tribunal not later than the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\*4. IF NO STATEMENT OF DESIRE TO MAKE REPRESENTATIONS IS SENT TO THE TRIBUNAL IN ACCORDANCE WITH PARAGRAPHS 2 AND 3, THE TRIBUNAL MAY DISPOSE OF THE APPLICATION UPON THE MATERIAL BEFORE IT WITHOUT FURTHER NOTICE TO THE PARTIES.

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

.....  
Registrar

\*If you do not request a hearing but wish the Tribunal to consider your representations on the report without a hearing, you shall include in your statement of desire all the representations you desire the Tribunal to consider in connection with the report.



FILE NO.....

## Form 20

*The Crown Employees Collective Bargaining Act, 1972*

APPLICATION FOR DECLARATION  
TERMINATING REPRESENTATION RIGHTS  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

The applicant applies to the Ontario Public Service Labour Relations Tribunal under section ..... of the Act for a declaration that the respondent  
(22, 23)  
no longer represents the employees in the bargaining unit for which it is the bargaining agent.

The applicant states:

1. (a) address of applicant:

(b) address of applicant for service:

(c) address of respondent:

\*To be completed if applicant is not employer.

- \*2. (a) name of agency, if any, of employer of employees affected by the application:

(b) address of agency of employer:

3. Detailed description and geographic location of the unit of employees for which the respondent is the bargaining agent, including the municipality or other geographic area affected:
4. Approximate number of employees in the unit described in paragraph 3:
5. Other relevant statements (attach additional pages if necessary):

\*Strike out \*6.  
this paragraph  
if not  
applicable

- \*6. (Where the application is made under section 22 of the act). The applicant submits with the application the document or documents by which employees in the bargaining unit have voluntarily signified in writing that they no longer wish to be represented by the respondent.

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

(signature for the applicant)

O. Reg. 150/73, s. 2, *part.*

FILE No.....

Form 21

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION FOR DECLARATION  
TERMINATING REPRESENTATION RIGHTS AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

TO THE RESPONDENT:

1. TAKE NOTICE that the applicant, on \_\_\_\_\_, 19\_\_\_\_, made an application to the Ontario Public Service Labour Relations Tribunal for a declaration that the respondent no longer represents the employees of the Crown in right of Ontario in the bargaining unit described in the attached copy of the application.

2. The terminal date fixed for the application as directed by the Tribunal is the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

3. You shall send to the Tribunal your reply so that,

(a) it is received by the Tribunal not later than the terminal date shown in paragraph 2;

OR

(b) If it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the terminal date shown in paragraph 2.

4. If you fail to send your reply on or before the terminal date shown in paragraph 2 and fail to appear at the hearing of this application, the Tribunal may dispose of the application on the evidence and representations placed before it by the applicant without further notice to you.

5. AND FURTHER TAKE NOTICE of the hearing of the application by the Tribunal at its Board Room, 400 University Avenue, Toronto, Ontario, on \_\_\_\_\_ day, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

.....  
Registrar

O. Reg. 150/73, s. 2, *part.*

FILE No. ....

## Form 22

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE TO EMPLOYEES OF APPLICATION FOR  
DECLARATION TERMINATING REPRESENTATION RIGHTS  
AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

## NOTICE TO EMPLOYEES

1. TAKE NOTICE that the applicant, on \_\_\_\_\_, 19\_\_\_\_, made to the Ontario Public Service Labour Relations Tribunal an application for a declaration that the respondent no longer represents the employees in the following bargaining unit:

2. Your attention is directed to the following information contained in the application:

3. The hearing of the application by the Tribunal will take place at its Board Room, 400 University Avenue, Toronto, Ontario, on \_\_\_\_\_ day, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.

4. The terminal date fixed for this application as directed by the Tribunal is the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

5. Any employee or group of employees affected by the application and desiring to make representations to the Tribunal in opposition to this application shall send to the Tribunal a statement in writing of such desire, which shall,

- (a) contain the return mailing address of the employee or representative of a group of employees;
- (b) contain the name of the agency, if any, of the employer concerned; and
- (c) be signed by the employee or each member of a group of employees.

6. The statement of desire must,

- (a) be received by the Tribunal not later than the terminal date shown in paragraph 4; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, be mailed not later than the terminal date shown in paragraph 4.

7. A statement of desire that does not comply with paragraphs 5 and 6 will not be accepted by the Tribunal.

8. Any employee or group of employees, who has informed the Tribunal in writing of his or their desire in accordance with paragraphs 5 and 6 may attend and be heard at the hearing in person or by a representative. Any employee or representative who appears at the hearing will be required to testify from his or their personal knowledge and observation, as to (a) the circumstances concerning the origination of the material filed, and (b) the manner in which each of the signatures was obtained.



THE TRIBUNAL MAY DISPOSE OF THE APPLICATION WITHOUT FURTHER NOTICE AND WITHOUT CONSIDERING THE STATEMENT OF DESIRE OF ANY PERSON WHO FAILS TO ATTEND\*.

DATED this                      day of                      , 19                      .

.....  
Registrar

(NOTE: Any communication with respect to this application should be addressed to:

The Registrar,  
Ontario Public Service Labour Relations Tribunal,  
400 University Avenue,  
Toronto, Ontario.)

\*EXPLANATORY NOTE: Where employees fail to attend in person or by a representative or to testify or produce witnesses to testify as provided in paragraph 8 above, the Tribunal normally does not accept the statement of desire as casting doubt on the evidence filed by the applicant.

O. Reg. 150/73, s. 2, *part*.

FILE No.....

Form 23

*The Crown Employees Collective Bargaining Act, 1972*

REPLY TO APPLICATION FOR DECLARATION  
TERMINATING REPRESENTATION RIGHTS  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

The respondent replies to the application for a declaration that the respondent no longer represents the employees in the bargaining unit for which it is the bargaining agent as follows:

The respondent states:

1. (a) correct name of respondent:

(b) address of respondent:

(c) address of respondent for service:

\*To be      \*2. (a) name of agency of employer of employees affected by the application:  
completed

if applicant      (b) address of agency of employer:  
is not the

employer. 3. Detailed description of the unit of employees for which the respondent is the bargaining agent, including the municipality or other geographical area affected:

4. Approximate number of employees in the unit as of the date the application was made:

5. The date representation rights were granted, if any, of the respondent as bargaining agent of the employees in the unit:

\*Strike out\*6. The respondent is or was a party to or bound by a collective agreement, a copy of which if not applicable, is enclosed herewith, with

..... that,  
(name of employer)

- (a) was signed on the                      day of                      , 19                      ;
- (b) became effective on the                      day of                      , 19                      ; and
- (c) contains the following provision relating to its termination or renewal:

7. Other relevant statements (use additional pages if necessary):

DATED at                      , this                      day of                      , 19                      .

.....  
(signature for the respondent)

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 24

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION FOR DECLARATION  
TERMINATING REPRESENTATION RIGHTS AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

To:

1. TAKE NOTICE that the applicant, on                      , 19                      made an application to the Ontario Public Service Labour Relations Tribunal for a declaration that the respondent no longer represents the employees in the bargaining unit described in the attached copy of the application.

2. You are required to post the enclosed notices to employees of application and of hearing (Form 22) immediately. These notices are to be posted in conspicuous places where they are most likely to come to the attention of all employees who may be affected by the application. You shall keep them posted upon your premises until the terminal date for the application shown in paragraph 4.

3. You are required to complete and send to the Tribunal the Return of Posting (Form 17) which is attached hereto.

4. The terminal date fixed for this application as directed by the Tribunal is the                      day of                      , 19                      .

5. You shall send to the Tribunal your intervention to this application as well as the material listed below so that,

- (a) it is received by the Tribunal not later than the terminal date shown in paragraph 4; or
  - (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the terminal date shown in paragraph 4.
- i. A list arranged as in the schedule attached hereto of all employees in the bargaining unit described in the application as at \_\_\_\_\_, 19\_\_\_\_, the date when the applicant's application was made;
- ii. Documents from among existing employment records containing signatures of the employees whose names appear on the list referred to above, also arranged in alphabetical order.
6. You shall certify the list of employees by adding thereto the following statement:

“This list has been prepared by me or under my instruction and I hereby confirm the accuracy thereof.”

.....  
(signature of officer)

7. If you fail to file the list of employees and documents containing signatures as set out above, the Tribunal may proceed to dispose of the case on the evidence before it without further notice to you.

8. AND FURTHER TAKE NOTICE of the hearing of the application by the Tribunal at its Board Room, 400 University Avenue, Toronto, Ontario, on \_\_\_\_\_ day, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock in the \_\_\_\_\_ noon.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

.....  
Registrar

Schedule

A. List (alphabetically arranged) of all employees in the bargaining unit described in the application of the applicant as at the .....day of ....., 19..... (Do not include the names of employees that appear in B or C.)

Name	Occupational Classification
1.	
2.	
3.	
4.	
5.	



B. List (alphabetically arranged) of all employees who were not actually at work on the.....day of ..... , 19...., by reason of lay-off, in the bargaining unit described in the application of the applicant.

Name	Occupational Classification	Date of Lay-off	Expected Date of Recall
1.			
2.			
3.			
4.			
5.			

C. List (alphabetically arranged) of all employees not previously shown who were not at work on the .....day of..... , 19...., in the bargaining unit described in the application the applicant.

Name	Occupational Classification	Last Day Worked	Reason for Absence	Expected Date of Return
1.				
2.				
3.				
4.				
5.				

O. Reg. 150/73, s. 2, *part.*

Form 25

*The Crown Employees Collective Bargaining Act, 1972*

APPLICATION FOR EXEMPTION ON THE GROUNDS OF RELIGIOUS CONVICTION OR BELIEF  
FROM PAYMENT OF DUES OR CONTRIBUTIONS TO AN EMPLOYEE ORGANIZATION AS  
PROVIDED IN A COLLECTIVE AGREEMENT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between: Applicant,  
  
Respondent  
Employee  
Organization,  
  
Respondent  
Employer or  
Agency of the  
Employer

The applicant applies to the Ontario Public Service Labour Relations Tribunal for exemption on the grounds of religious conviction or belief from payment of dues or contributions to an employee Organization in a collective agreement entered into between the employee organization and the employer.

The applicant states:

- 1. (a) address of applicant for service:  
(b) address of respondent employee organization:
- 2. The applicant has been and continues to be an employee of the respondent employer or agency of the employer since the                      day of                      , 19                      .
- \*3.—(1) A collective agreement, a copy of which is appended hereto, was entered into between the employee organization and the employer on the                      day of                      , 19                      , and is operative from the                      day of                      , 19                      , to the day of                      , 19                      .
- (2) The dues payment or contributions to an employee organization provision from which the applicant is seeking exemption is as follows:
- \*4.—(1) A collective agreement was entered into between the employee organization and employer but has not been made available to the applicant.
- (2) Under the terms of this collective agreement employees are required to pay dues or make contributions to the employee organization.
- 5. The grounds upon which the applicant seeks exemption (state as concisely as possible the religious conviction or belief for objecting to paying dues or making contributions to the employee organization):

6. Other relevant statements:

DATED at                      , this                      day of                      , 19                      .  
  
.....  
(signature)

Form 26

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION FOR EXEMPTION FROM PAYMENT OF DUES OR CONTRIBUTIONS  
TO AN EMPLOYEE ORGANIZATION AS PROVIDED IN A COLLECTIVE AGREEMENT  
ON THE GROUNDS OF RELIGIOUS CONVICTION OR BELIEF AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent  
Employee  
Organization,

— and —

Respondent  
Employer or  
Representative  
of the  
Employer

TO THE RESPONDENT:

1. TAKE NOTICE that the applicant, on the                      day of                      , 19                      , made an application to the Ontario Public Service Labour Relations Tribunal for exemption from the payment of dues or contributions to an employee organization provision in a collective agreement entered into between the employee organization and the employer. A copy of the application is attached.

2. You shall send your reply to this application accompanied by the collective agreement between the employee organization and the employer to the Tribunal so that,

- (a) it is received by the Tribunal; or
- (b) if mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed,

not later than the                      day of                      , 19                      .

3. If you fail to send your reply to the Tribunal so that,

- (a) it is received by the Tribunal; or
- (b) if mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed,

on or before the                      day of                      , 19                      , the Tribunal may dispose of the application on the evidence and representations placed before it by the applicant without further notice to you.

4. The hearing of the application by the Tribunal will take place at its Board Room, 400 University Avenue, Toronto, Ontario, on                      day, the                      day of                      , 19                      , at o'clock in the                      noon.

DATED this                      day of                      , 19                      .

.....  
Registrar



FILE NO.....

Form 27

*The Crown Employees Collective Bargaining Act, 1972*

REPLY TO AN APPLICATION FOR EXEMPTIONS FROM DUES PAYMENT OF CONTRIBUTIONS  
TO AN EMPLOYEE ORGANIZATION AS PROVIDED IN A COLLECTIVE AGREEMENT  
ON THE GROUNDS OF RELIGIOUS CONVICTION OR BELIEF  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent  
Employee  
Organization

— and —

Respondent  
Employer or  
Representative  
of the  
Employer

The respondent replies to the application for exemption from the payment of dues or contributions to an employee organization provision in a collective agreement between the employee organization and employer as follows:

- 1. (a) correct name of respondent:
- (b) address of respondent:
- (c) address of respondent for service:
- 2. A collective agreement, a copy of which is enclosed, was entered into between the employee organization and the employer on the                      day of                      , 19                      , and is operative from the                      day of                      , 19                      , to the                      day of                      , 19                      .
- 3. The provision respecting the payment of dues or contributions to an employee organization in the collective agreement is as follows:
- 4. The respondent replies to the application as follows:

DATED at                      , this                      day of                      , 19                      .

.....  
(signature for the respondent)

O. Reg. 150/73, s. 2, *part.*

Form 28

*The Crown Employees Collective Bargaining Act, 1972*

COMPLAINT UNDER SECTION 30 OF THE ACT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Complainant,

— and —

Respondent.

The complainant complains that the grievor(s) named in paragraph 2 has (have) been dealt with by the respondent contrary to the provisions of section(s).....  
(specify relevant section(s) see .....of *The Crown Employees Collective Bargaining Act, 1972*, and requests Note Number 1 below)

that.....  
.....  
(state relief sought by grievor(s) see Note Number 2 below)

- 1. (a) name of complainant:  
(b) address of complainant for service:  
(c) name of respondent:  
(d) address of respondent:
- 2. (a) name(s) of grievor(s):  
(b) address(es) and telephone number(s) of grievor(s):
- \*Strike out if not applicable. \*3. (a) name of any other person or organization that may be affected by the complaint:  
(b) address of person, or organization that may be affected by the complaint:
- 4. The following is a concise statement of the nature of each act or omission complained of (use additional sheets if necessary. See Note Number 3 below)

On or about.....the grievor(s) was  
(date of alleged violation)  
(were) dealt with by.....  
(the respondent where respondent is an individual)  
.....  
(or name and position with respondent)

of the respondent contrary to the provisions of section(s).....  
.....  
of *The Crown Employees Collective Bargaining Act, 1972* in that he did on his own behalf or on behalf of the respondent:

- 5. The following steps have been taken on behalf of the grievor(s) for the adjustment of the matters giving rise to the complaint (if none has been taken state the reason why):
- 6. The person or organization set out above in paragraph 3 (a) is affected by the complaint for the following reason(s):
- 7. Other relevant statements:

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_.

.....  
(signature of complainant)

N.B. Failure to complete this form, setting out all the particulars, may cause delay in the processing of this complaint.

NOTES

1. Before a grievor is entitled to relief under section 30, it must be established that the respondent has acted contrary to some section of *The Crown Employees Collective Bargaining Act, 1972* OTHER THAN SECTION 30. Where the complaint is made under section 30 (1) (a) insert in the space indicated the section or sections of the Act the respondent is alleged to have violated.

Where the complaint is made under section 30 (1) (b) insert in the space indicated "section 34".

Where the complaint is made under section 39 (1) (c) insert in the space indicated the section or sections of the Act named in section 30 (1) (c) which the respondent is alleged to have violated.

- 2. The relief which the Tribunal is entitled to give is set out in section 30 (4) (a) (b) and (c) of the Act.
- 3. Paragraph 4 should be completed with care. Each act or omission complained of, together with the section of the Act alleged to have been violated in each instance, shall be specified.

There shall be a concise statement of the material facts, actions and omissions upon which he intends to rely as constituting such improper or irregular conduct, including the time when and the place where the actions or omissions complained of occurred and the names of the persons who engaged in or committed them, but not the evidence by which the material facts, actions or omissions are to be proved, and, where he alleges that the improper or irregular conduct constitutes a violation of any provision of the Act, he shall include a reference to the section or sections of the Act containing such provision.

- 4. No person shall adduce evidence at the hearing of an application or complaint of any material fact that has not been included in the application or complaint or in any document filed under these Rules in respect of the application or complaint, except with the consent of the Tribunal and, if the Tribunal considers it advisable to give such consent, it may do so upon such terms and conditions as it thinks advisable.

O. Reg. 150/73, s. 2, *part.*



Form 29

*The Crown Employees Collective Bargaining Act, 1972*

COMPLAINT UNDER SECTION 30 OF THE ACT  
(FAILURE TO COMPLY WITH THE TERMS OF SETTLEMENT OF PRIOR COMPLAINT)  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Complainant,

— and —

Respondent.

The complainant complains that the respondent has not complied with the terms of settlement of complaint made under section 30 of *The Crown Employees Collective Bargaining Act, 1972* contrary to subsection 5 of that section.

1. On.....a complaint under section 30  
(date)

was filed with the Tribunal and on.....  
(date)

the parties entered into a written settlement of that complaint (a signed copy of which is filed herewith).

2. The respondent has failed to comply with the terms of the settlement as follows:

.....  
(state how respondent has not complied with terms of settlement, giving full particulars)  
.....

3. (a) name of complainant:

(b) address of complainant for service:

(c) name of respondent:

(d) address of respondent:

\*Strike out if not applicable. \* (e) name of intervener:

\* (f) address of intervener:

4. (a) name(s) of grievor(s):

(b) address(es) or grievor(s):

5. The following steps have been taken on behalf of the complainant to obtain compliance with the terms of the settlement:

6. Other relevant statements:

7. The complainant requests that the respondent be required to:.....

.....  
(state specific relief sought by grievor(s) )  
.....

DATED at , this day of , 19 .  
.....  
(signature of complainant)

N.B. Failure to complete this form setting out all the particulars, or failure to file an original signed copy of the terms of settlement of the prior complaint under section 30 of the Act may cause delay in the processing of this complaint.

O. Reg. 150/73, s. 2, *part.*

FILE No.....

**Form 30**

*The Crown Employees Collective Bargaining Act, 1972*

**NOTICE OF INQUIRY INTO COMPLAINT UNDER SECTION 30 OF THE ACT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL**

Between:

Complainant,

— and —

Respondent.

To:

1. TAKE NOTICE that the Ontario Labour Relations Tribunal on the day of , 19 has been authorized by the complainant that , 19 to inquire into

and to report to the Board

2. AND FURTHER TAKE NOTICE that the inquiry by on day, the day of , 19 , o'clock in the noon,

DATED this day of , 19 .

.....  
Registrar

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 31

*The Crown Employees Collective Bargaining Act, 1972*

REPLY TO COMPLAINT UNDER SECTION 30 OF THE ACT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS BOARD

Between:

Complainant,

— and —

Respondent.

The respondent states in reply to the complaint of the complainant as follows:

1. (a) correct name of respondent:  
(b) address of respondent:  
(c) address of respondent for service:
2. (a) name, if any, of any other person or organization that may be affected by the complaint:  
(b) address of person or organization that may be affected by the complaint:
3. The person or organization set out above in paragraph 2 (a) is affected by the complaint for the following reason(s):
4. The respondent replies to the complaint as follows:

DATED at , this day of , 19 .

.....  
(signature for the respondent)

O. Reg. 150/73, s. 2, *part.*



FILE NO. ....

## Form 32

*The Crown Employees Collective Bargaining Act, 1972*INTERVENTION IN COMPLAINT UNDER SECTION 30 OF THE ACT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Complainant,

— and —

Respondent.

.....intervenes  
(name of intervener)

in this proceeding.

## 1. The intervener states:

(a) address of intervener:

(b) address of intervener for service:

## 2. The intervener claims to be affected by the complaint for the following reason(s):

## 3. The intervener desires to make the following submissions:

DATED at , this day of , 19 .

.....  
(signature for the intervener)O. Reg. 150/73, s. 2, *part*.

## Form 33

*The Crown Employees Collective Bargaining Act, 1972*NOTICE OF REPORT OF ADJUDICATOR OR INVESTIGATOR  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent,

— and —

Intervener.

To:

1. Attached hereto is a copy of the report of \_\_\_\_\_ upon the inquiry he was authorized to make under the Tribunal's direction, dated the \_\_\_\_\_, 19 \_\_\_\_\_ in this matter.

2.—(1) TAKE NOTICE that if you desire to make representations as to the accuracy of the report or as to the conclusions the Tribunal should reach in view of the report, you shall send to the Tribunal a statement of desire to make representations which shall,

- (a) be in writing signed by the person making the statement or his representative;
- (b) contain the names of the parties to the application;
- (c) contain a return mailing address; and
- (d) contain a statement as to whether you desire a hearing before the Tribunal in connection with the report.

(2) If you desire to make representations as to the accuracy of the report, your statement of desire shall contain a concise statement of your allegations as to errors in or omissions from the report.

(3) If you wish to make representations as to the conclusions the Tribunal should reach in view of the report, your statement shall contain a summary of the representations you wish the Tribunal to consider in connection with the report.

3. A statement referred to in paragraph 2 shall be sent to the Tribunal so that,

- (a) It is received by the Tribunal not later than the \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_; or
- (b) if it is mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

\*4. IF NO STATEMENT OF DESIRE TO MAKE REPRESENTATIONS IS SENT TO THE TRIBUNAL IN ACCORDANCE WITH PARAGRAPHS 2 AND 3, THE TRIBUNAL MAY DISPOSE OF THE APPLICATION UPON THE MATERIAL BEFORE IT WITHOUT FURTHER NOTICE TO THE PARTIES.

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

.....  
Registrar

\*If you do not request a hearing but wish the Tribunal to consider your representations on the report without a hearing, you shall include in your statement of desire all the representations you desire the Tribunal to consider in connection with the report.

O. Reg. 150/73, s. 2, *part.*

## Form 34

*The Crown Employees Collective Bargaining Act, 1972*

APPLICATION FOR DECLARATION THAT  
EMPLOYEE ORGANIZATION HAS DECLARED OR AUTHORIZED A STRIKE  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

The applicant applies to the Ontario Public Service Labour Relations Tribunal for a declaration that the respondent has declared or authorized a strike contrary to section 29 of the Act.

The applicant states:

1. (a) address of applicant:  
(b) address of applicant for service:  
(c) address of respondent:
2. The material facts upon which the applicant intends to rely in support of its allegation are as follows:

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

.....  
(signature for the applicant)

O. Reg. 150/73, s. 2, *part.*



Form 35

*The Crown Employees Collective Bargaining Act, 1972*

APPLICATION FOR DECLARATION THAT EMPLOYEES ARE ENGAGING IN A STRIKE  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondents.

The applicant applies to the Ontario Public Service Labour Relations Tribunal for a declaration that employees of the applicant are engaging in a strike contrary to section 25 of the Act.

The applicant states:

- 1. (a) address of applicant:
- (b) address of applicant for service:
- (c) addresses of respondents:
- 2. The material facts upon which the applicant intends to rely in support of allegation are as follows:

DATED at , this day of , 19 .

.....  
(signature for the applicant)

O. Reg. 150/73, s. 2, *part.*

Form 36

*The Crown Employees Collective Bargaining Act, 1972*

APPLICATION FOR DECLARATION THAT EMPLOYER HAS CAUSED LOCK-OUT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

The applicant applies to the Ontario Public Service Labour Relations Tribunal for a declaration that the respondent has caused a lock-out contrary to section 25 of the Act.

The applicant states:

1. (a) address of applicant:  
(b) address of applicant for service:  
(c) address of respondent:
2. The material facts upon which the applicant intends to rely in support of its allegation are as follows:

DATED at , this day of , 19

.....  
(signature for the applicant)

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 37

*The Crown Employees Collective Bargaining Act, 1972*

NOTICE OF APPLICATION FOR DECLARATION AS TO STRIKE OR LOCK-OUT  
OR FOR CONSENT TO INSTITUTE PROSECUTION AND OF HEARING  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

TO THE RESPONDENT,

1. TAKE NOTICE that the applicant, on , 19 , made to the Ontario Public Service Labour Relations Tribunal an application, a copy of which is attached, for

2. You shall send to the Tribunal your reply, if any, to this application, so that,
- (a) it is received by the Tribunal; or
- (b) if mailed by registered mail addressed to the Tribunal at its office, 400 University Avenue, Toronto, Ontario, it is mailed not later than the                      day of                      , 19                      .
3. AND FURTHER TAKE NOTICE of the hearing of the application by the Tribunal at its Board Room, 400 University Avenue, Toronto, Ontario, on                      day, the                      day of                      , 19                      , at                      o'clock.
4. If you fail to attend the hearing of the application on the                      day of                      , 19                      , or at any continuation thereof, the Tribunal may dispose of the application on the evidence and representations placed before it at such hearing or hearings without further notice to you.

DATED this                      day of                      , 19                      .

.....  
Registrar

O. Reg. 150/73, s. 2, *part.*

FILE NO.....

Form 38

*The Crown Employees Collective Bargaining Act, 1972*

REPLY TO APPLICATION FOR DECLARATION AS TO STRIKE OR LOCK-OUT  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

\*Strike out if not applicable.      The respondent states in reply to the application for a declaration as to the      \*strike as lock-out

follows:

1. (a) correct name of respondent:

(b) address of respondent:

(c) address of respondent for service:

2. The respondent replies to the application as follows:

DATED at                      , this                      day of                      , 19                      .

.....  
(signature for the respondent)

O. Reg. 150/73, s. 2, *part.*



## Form 39

*The Crown Employees Collective Bargaining Act, 1972*APPLICATION FOR CONSENT TO INSTITUTE PROSECUTION  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent.

The applicant applies to the Ontario Public Service Labour Relations Tribunal for consent to institute a prosecution of the respondent for an offence under the Act.

The applicant states:

1. (a) address of applicant:  
(b) address of applicant for service:  
(c) address of respondent:
2. The nature of the alleged offence:
3. The date of commencement of the alleged offence:
4. The material facts upon which the applicant intends to rely as establishing the offence are as follows:

DATED at , this day of , 19

.....  
(signature for the applicant)

O. Reg. 150/73, s. 2, part.

FILE No.....

**Form 40**

*The Crown Employees Collective Bargaining Act, 1972*

**REPLY TO APPLICATION FOR CONSENT TO INSTITUTE PROSECUTION  
BEFORE THE ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL**

Between:

Applicant,

— and —

Respondent.

The respondent states in reply to the application for consent to prosecute for an offence under the Act as follows:

1. (a) correct name of respondent:
- (b) address of respondent for service:
- (c) address of respondent:
2. The respondent replies to the application as follows:

DATED at , this day of , 19 .

.....  
(signature for the respondent)

O. Reg. 150/73, s. 2, *part.*

**Form 41**

*The Crown Employees Collective Bargaining Act, 1972*

In the matter of a decision of the Public Service Grievance Board pursuant to section 18 of *The Crown Employees Collective Bargaining Act, 1972.*

Between:

Complainant,

— and —

Respondent.

To: The Registrar of the Supreme Court:

1. I, ..... being a  
(name)  
.....  
(Party, employer, employee organization or employee)  
affected by the decision of the Public Service Grievance Board under section 18 of *The Crown Employees Collective Bargaining Act, 1972*, hereby files the decision under the said section 18.

2. The decision was made under the following circumstances:

- i. Members of the Public Service Grievance Board:
- ii. Appearances for Complainant:
- iii. Appearances for Respondent:
- iv. Date and Place of Hearing:
- v. Date of Decision:
- vi. Date of Release of Decision:
- vii. Date Provided in Decision for Compliance:

3. The decision, exclusive of the reasons therefor, reads as follows:

4. The respondent has failed to comply with the decision.

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

I certify that the copy of the decision is a true copy and the particulars set out herein are within my knowledge and accurate.

.....  
(signature of person filing the decision or, where person filing  
is an employee organization, of an officer authorized in that  
behalf)

O. Reg. 150/73, s. 2, *part.*

Form 42

*The Crown Employees Collective Bargaining Act, 1972*

STATEMENT OF TRUSTEESHIP OVER EMPLOYEE ORGANIZATION TO THE  
ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

.....  
(name of parent body filing statement)

having assumed supervision or control over.....  
(name of subordinate employee organization)

submits the following information to The Ontario Public Service Labour Relations Tribunal under  
section 44 of *The Crown Employees Collective Bargaining Act, 1972*:

- 1. (a) Head office address of parent body that has assumed supervision or control:  
(b) Address for service of such parent body:
- 2. Address of the subordinate employee organization:
- 3. Date on which supervision or control was assumed:
- 4.—(1) Name(s) and address(es) of person(s) appointed to exercise supervision or control over  
subordinate employee organization:  
(2) The appointment made:  
(a) if by the executive or other body by (the name of the body and the names and official positions of  
the persons composing the body):  
(b) if by an individual or individuals by (the name(s) and official position(s) of such person(s) ):



5. Period of time during which supervision or control is to be exercised:

6.—(1) Detailed statement of the terms under which supervision or control is to be exercised (give the provisions of any document, including the constitution or by-laws, appointing a supervisor or controller and defining the terms under which supervision or control is to be exercised):

(2) The provisions, if any, that have been made in the terms under which supervision or control is to be exercised for:

- (a) the holding of membership meetings of the subordinate employee organization:
- (b) the representation of members of the subordinate employee organization at conferences and conventions of the employee organization that has assumed supervision or control over the subordinate employee organization:

DATED at, this day of, 19.

(signatures of principal officers)

O. Reg. 150/73, s. 2, *part.*

Form 43

*The Crown Employees Collective Bargaining Act, 1972*

ONTARIO PUBLIC SERVICE LABOUR RELATIONS TRIBUNAL

Between:

Applicant,

— and —

Respondent,

— and —

Intervener.

I,.....of the.....

of.....in the.....

of.....

(occupation)

make oath and say as follows:

I did on.....day, the.....day of....., 19....,

personally serve.....with the attached summons by delivering a true

copy of the summons to and leaving it with such person at.....

together with \$ as conduct money

SWORN before me at the.....

.....of.....

this.....day of.....

19....

}

O. Reg. 150/73, s. 2, *part.*

# THE CROWN EMPLOYEES COLLECTIVE BARGAINING ACT, 1972

## O. Reg. 151/73.

Rules of Procedure.

Made—February 15th, 1973.

Approved—March 14th, 1973.

Filed—March 20th, 1973.

## REGULATION MADE UNDER THE CROWN EMPLOYEES COLLECTIVE BARGAINING ACT, 1972

### RULES OF PROCEDURE

#### INTERPRETATION

#### 1.—(1) In these Rules,

- (a) "file" means, except where otherwise stated, file with the Tribunal;
- (b) "registrar" means the registrar of the Tribunal;
- (c) "respondent" means the person named in an application or complaint or added as a respondent by the Tribunal.

(2) Where a period of time is prescribed by these Rules and is expressed as a number of days, holidays and Saturdays shall not be counted in the computation of the period. O. Reg. 151/73, s. 1.

#### APPLICATIONS GENERAL

2. Where an application is made to the Tribunal, the registrar shall fix a terminal date for the application which shall be not less than ten days and not more than thirty days, as directed by the Tribunal, after,

- (a) the day on which the registrar serves the employer with notice of application for posting, where it is personally served; or
- (b) the day immediately following the day on which the registrar mails the notice of application to the employer for posting, where it is served by mail. O. Reg. 151/73, s. 2.

#### REPRESENTATION RIGHTS

3. An application for representation rights as bargaining agent shall be made in quadruplicate in Form 4 of Ontario Regulation 577/72 and shall be accompanied by the statement of the employee organization in Form 1 of Ontario Regulation 577/72, the statement of income and expenditure in Form 2 of Ontario Regulation 577/72 and the affidavit in Form 3 of Ontario Regulation 577/72. O. Reg. 151/73, s. 3.

4.—(1) The registrar shall serve the applicant with a notice of the fixing of the terminal date for the application in Form 5 of Ontario Regulation 577/72.

(2) The registrar shall serve the respondent with,

- (a) a copy of the application;
- (b) a notice of application and of hearing in Form 6 of Ontario Regulation 577/72; and
- (c) an appropriate number of notices of application in Form 7 of Ontario Regulation 577/72 for posting. O. Reg. 151/73, s. 4.

5. The applicant shall, not later than the second day after the terminal date for the application, file a declaration concerning membership documents in Form 8 of Ontario Regulation 577/72. O. Reg. 151/73, s. 5.

6.—(1) The respondent shall file a reply in quadruplicate in Form 9 of Ontario Regulation 577/72 not later than the terminal date for the application and the reply shall be accompanied by a copy of any existing or recently expired collective bargaining agreement that is or was recently binding upon the respondent in the bargaining unit claimed by either the application or the respondent to be appropriate.

(2) The respondent shall file with its reply documents, from among existing employment records, containing the signatures of the employees whose names appear on the list of employees in the bargaining unit arranged as in the Schedule to Form 9 of Ontario Regulation 577/72.

(3) The accuracy of the list of employees in the Schedule to Form 9 of Ontario Regulation 577/72 shall be certified by an officer of the employer or by an officer of the agency of the employer, as the case requires, by his signature at the foot or end of the Schedule.

(4) Where the respondent proposes a bargaining unit different from the one proposed by the applicant, the respondent, or the body representing the respondent, shall indicate on the list of employees in the Schedule to Form 9 of Ontario Regulation 577/72 the name and classification of any person the respondent proposes should be excluded from, as well as the name and classification of any person the respondent proposes should be added to the bargaining unit proposed by the applicant and shall file with the Tribunal documents containing the signatures of any such additional person. O. Reg. 151/73, s. 6.

7. The registrar shall serve upon any employee organization named in the application or reply as claiming, or known to him as claiming, to be the bargaining agent of or to represent any employees who may be affected by the application a copy of



the application and a notice of application in Form 10 of Ontario Regulation 577/72. O. Reg. 151/73, s. 7.

8.—(1) An employee organization that is served with a notice of application or that claims to represent or to be the bargaining agent of any employees who may be affected by the application shall file its intervention, if any, in quadruplicate in Form 11 of Ontario Regulation 577/72 not later than the terminal date for the application.

(2) Where an employee organization referred to in subsection 1 claims to be the bargaining agent of any employees who may be affected by the application and is or was recently bound by a collective agreement with the respondent, it shall file a copy of the collective agreement. O. Reg. 151/73, s. 8.

9.—(1) An employee organization desiring representation rights as bargaining agent of employees who may be affected by the application shall file a notice of intervention and application for representation rights in quadruplicate in Form 12 of Ontario Regulation 577/72 not later than the terminal date for the application that shall be accompanied by a declaration concerning membership documents in Form 8 of Ontario Regulation 577/72.

(2) Section 2 does not apply to a notice and application under subsection 1.

(3) The registrar shall serve the employer with copies of the notice and application filed under subsection 1 for posting. O. Reg. 151/73, s. 9.

#### EVIDENCE AS TO REPRESENTATION

10.—(1) Evidence of membership in an employee organization or of objection by employees to representation rights of an employee organization or of signification by employees that they no longer wish to be represented by an employee organization shall not be accepted by the Tribunal on an application for representation rights or for a declaration terminating rights unless the evidence is in writing, signed by the employee or each member of a group of employees, as the case may be, and,

- (a) is accompanied by,
  - (i) the return mailing address of the person who files the evidence, objection or signification, and
  - (ii) the name of the body, if any, representing the employer; and
- (b) is filed not later than the terminal date for the application.

(2) No oral evidence of membership in an employee organization or of objection by employees to representation rights of an employee organiza-

tion or of signification by employees that they no longer wish to be represented by an employee organization shall be accepted by the Tribunal except to identify and substantiate the written evidence referred to in subsection 1.

(3) Any employee or group of employees affected by an application for representation rights or by a declaration of termination of representation rights and desiring to make representations to the Tribunal in opposition to the application may file a statement in writing of such desire in the form prescribed by subsection 1 not later than the terminal date for the application.

(4) An employee or group of employees who has filed a statement of desire in the form and manner required by this section may appear and be heard at the hearing or at any hearing directed by the Tribunal, in person or by a representative. O. Reg. 151/73, s. 10.

#### REPRESENTATION VOTES

11. Where the Tribunal directs the taking of a representation vote and refers the matter to the registrar, the registrar may, subject to the provisions of the reference,

- (a) settle the list of employees to be used for the purposes of the vote;
- (b) settle the form of the ballot;
- (c) settle the date and hour for the taking of the vote;
- (d) set the number and location of the polling places;
- (e) prepare notices of the taking of the vote in Form 13 of Ontario Regulation 577/72 and direct posting thereof by the employer on his premises;
- (f) act as the returning officer or appoint a returning officer;
- (g) appoint such deputy returning officers and poll clerks as he deems necessary;
- (h) give any directions he considers necessary for the disposition of improperly marked ballots and of ballots of persons whose eligibility to vote has been challenged by a party or is in doubt and generally for the proper conduct of the vote;
- (i) take the vote by secret ballot on the premises of the employer during working hours if practicable or, if not practicable, in any other manner or place approved by the Tribunal; and



- (j) direct all interested persons to refrain and desist from propaganda and electioneering during the day or days the vote is taken.  
O. Reg. 151/73, s. 11.

12.—(1) Subject to subsection 2, the returning officer shall, upon the completion of the vote,

- (a) prepare a report of the vote;
- (b) serve a copy of the report together with a notice of the report in Form 14 or 15, as the case requires, of Ontario Regulation 577/72 upon each of the parties;
- (c) serve the employer with an appropriate number of copies of the report and the notice; and
- (d) file a copy of the report.

(2) Where the Tribunal or the registrar directs that the ballot box be sealed and that the ballots be not counted pending a further direction by the Tribunal and the Tribunal subsequently directs that the ballots be counted, the returning officer shall, upon completion of the counting of the ballots,

- (a) prepare a report of the vote;
- (b) serve a copy of the report together with a notice of the report in Form 16 of Ontario Regulation 577/72 upon each of the parties;
- (c) serve the employer with an appropriate number of copies of the report and the notice; and
- (d) file a copy of the report.

(3) The employer shall post the copies of the report and notice immediately upon their receipt and keep them posted upon the employer's premises in conspicuous places where they are most likely to come to the attention of all employees who may be affected by the application until the expiration of the twelfth day after the day on which the returning officer served the employer with copies of the report and the notice.

(4) Immediately after the employer has posted the copies of the report and notice under subsection 3, the employer or the body shall file a return of posting in Form 17 of Ontario Regulation 577/72.  
O. Reg. 151/73, s. 12.

13.—(1) Subject to subsection 3, where a representation vote is taken,

- (a) a party; or
- (b) any employee or representative of a group of employees,

who desires to make representations as to any matter relating to the representation vote, or as to the accuracy of the report of the returning officer, or as to the conclusions the Tribunal should reach in view of the report, shall file a statement of desire as mentioned in Form 14 or 15, as the case may be, of Ontario Regulation 577/72 on or before the last day for the posting of the copies of the report and notices under subsection 3 of section 12.

(2) Where a representation vote is taken in connection with a direction that the ballot box be sealed and the Tribunal subsequently directs that the ballots be counted,

- (a) a party; or
- (b) any employee or representative of a group of employees, who desires to make representations as to the accuracy of the report of the returning officer on the counting of the ballots or the conclusions the Tribunal should reach in view of the report, shall file a statement of desire as mentioned in Form 16 of Ontario Regulation 577/72, on or before the last day of the posting of the copies of the report and notices under subsection 3 of section 12.

(3) Upon receiving a statement of desire to make representation in the form and manner required by this section that contains a statement that a party or any employee or representative of a group of employees desires a hearing before the Tribunal, the registrar shall serve a notice of hearing in Form 18 of Ontario Regulation 577/72 upon each of the parties to the proceedings and upon each person who has filed a statement.

(4) Where no statement of desire to make representations has been filed in the form and manner required by this section, or no such statement that has been filed states that a party, employee or representative of a group of employees desires a hearing before the Tribunal, the Tribunal may dispose of the application upon the material then before it without further notice to any party or to the employees. O. Reg. 151/73, s. 13.

#### INQUIRY OFFICERS

14.—(1) In this section, "inquiry officer" means a person, other than a person making an inquiry under section 30 of the Act, authorized by the Tribunal to inquire into and report upon any matter arising out of a proceeding before the Tribunal.

(2) An inquiry officer shall file his report immediately upon its completion and where the Tribunal so directs, the registrar shall serve upon each of the parties to the proceeding and, in the case of an application for representation rights or for a declaration terminating bargaining rights, upon any employee or representative of a group of employees

who appeared at the hearing of the application, a copy of the report and a notice of the report in Form 19 of Ontario Regulation 577/72.

(3) Any person who is served with a notice of the report and desires to make representations concerning the report shall file a statement of desire as mentioned in Form 19 of Ontario Regulation 577/72 not later than the twelfth day after,

- (a) the day on which the registrar served the notice of the report, where it was served personally; or
- (b) the day immediately following the day on which the registrar mailed the notice of the report, where it was served by mail.

(4) Where no statement of desire to make representations has been filed in the form and manner required by subsection 3, or any such statement that has been filed does not state that a party, employee or representative of a group of employees desires a hearing before the Tribunal, the Tribunal may dispose of the application upon the material before it without further notice to any party or to the employees.

(5) Where a statement of desire to make representations is filed in the form and manner required by this section and the person filing the statement states that he desires a hearing, or where the Tribunal so directs, the registrar shall serve each of the parties to the proceedings with a notice of hearing in Form 18 of Ontario Regulation 577/72. O. Reg. 151/73, s. 14.

#### TERMINATION OF REPRESENTATION RIGHTS

15. An application for a declaration of termination of representation rights shall be made in quadruplicate in Form 20 of Ontario Regulation 577/72. O. Reg. 151/73, s. 15.

16.—(1) The registrar shall serve the applicant with a notice of the fixing of the terminal date for the application in Form 5 of Ontario Regulation 577/72.

- (2) The registrar shall serve the respondent with,
  - (a) a copy of the application; and
  - (b) a notice of application and of hearing in Form 21 of Ontario Regulation 577/72.

(3) The registrar shall serve the employer with an appropriate number of notices of application in Form 22 of Ontario Regulation 577/72 for posting. O. Reg. 151/73, s. 16.

17. A respondent shall file a reply in quadruplicate in Form 23 of Ontario Regulation 577/72 not later than the terminal date for the application. O. Reg. 151/73, s. 17.

18.—(1) Where the application is made by a person other than the employer, the registrar shall serve the employer with a copy of the application and a notice of application and of hearing in Form 24 of Ontario Regulation 577/72.

(2) The employer, when a copy of an application and a notice of application and of hearing are served as set out in subsection 1 shall file an intervention, if any, in quadruplicate in Form 11 of Ontario Regulation 577/72 not later than the terminal date for the application.

(3) Where the employer files an intervention, the employer shall file,

- (a) a list arranged as in the Schedule to Form 24 of Ontario Regulation 577/72 of all employees in the bargaining unit described in the application as at the date when the application was made; and
- (b) documents arranged in alphabetical order from among existing employment records containing signatures of the employees whose names appear on the list referred to in clause a,

and the accuracy of the list of employees shall be certified by an officer of the employer or by an officer of the agency of the employer, as the case requires, by his signature at the foot or end of the list. O. Reg. 151/73, s. 18.

#### EXEMPTION FROM PAYMENT OF DUES OR CONTRIBUTIONS TO AN EMPLOYEE ORGANIZATION PROVISIONS OF A COLLECTIVE AGREEMENT

19.—(1) An application for exemption from a payment of dues or contributions to an employee organization provision in a collective agreement on the grounds of religious conviction or belief shall be made in quadruplicate in Form 25 of Ontario Regulation 577/72.

(2) Section 2 does not apply to an application under subsection 1. O. Reg. 151/73, s. 19.

20. The registrar shall serve the employee organization and the employer or the body that represents the employer, as the case requires, with a copy of the application and a notice of application and of hearing in Form 26 of Ontario Regulation 577/72 and shall serve the applicant with a notice of hearing in Form 18 of Ontario Regulation 577/72. O. Reg. 151/73, s. 20.

21.—(1) The employee organization and the employer or the body that represents the employer, as the case requires, shall file their replies in quadruplicate in Form 27 of Ontario Regulation 577/72 not later than the twelfth day after,

- (a) the day on which the registrar served the notice of application and of hearing, where it was served personally; or



- (b) the day immediately following the day on which the registrar mailed the notice of application and of hearing, where it was served by mail.

(2) Each reply shall be accompanied by a copy of the collective agreement in operation between the employee organization and employer at the date of the application. O. Reg. 151/73, s. 21.

#### COMPLAINT UNDER SECTION 30 OF THE ACT

22. A complaint under section 30 of the Act shall be made in quadruplicate in Form 28 or 29, as the case requires, of Ontario Regulation 577/72. O. Reg. 151/73, s. 22.

23. Where the Tribunal authorizes an investigator to inquire into a complain, the investigator shall deliver a copy of the complaint to,

- (a) the person against whom the complaint is made;
- (b) each interested person named in the complaint; and
- (c) such other persons as the Tribunal may direct. O. Reg. 151/73, s. 23.

24.—(1) Where the Tribunal inquires into the complaint by means of a hearing by the Tribunal, the registrar shall serve,

- (a) the complaint;
- (b) the person against whom the complaint is made;
- (c) each interested person named in the complaint; and
- (d) such other persons as the Tribunal may direct;

with a notice of hearing in Form 18 of Ontario Regulation 577/72 and where a copy of the complaint has not been previously served upon such persons other than the complainant the registrar shall also serve a copy of the complaint upon them.

(2) Where the Tribunal, pursuant to clause *d* of subsection 1 of section 39 of the Act, authorizes an adjudicator to inquire into the complaint and report to the Tribunal, the registrar shall serve,

- (a) the complainant;
- (b) the person against whom the complaint is made;
- (c) each interested person named in the complaint; and

- (d) such other person as the Tribunal may direct,

with a notice of inquiry in Form 30 of Ontario Regulation 577/72.

(3) The person against whom the complaint is made shall file his reply, if any, in quadruplicate in Form 31 of Ontario Regulation 577/72 not later than the twelfth day after,

- (a) the day on which the registrar served the notice of hearing or inquiry, where it was served personally; or
- (b) the day immediately following the day on which the registrar mailed the notice or inquiry, where it was served by mail.

(4) A person, other than the person against whom the complaint is made, who has been served with a copy of the complaint and notice of hearing, shall file his intervention, if any, in quadruplicate in Form 32 of Ontario Regulation 577/72 not later than the twelfth day after,

- (a) the day on which the registrar served the notice of hearing or inquiry, where it was served personally; or
- (b) the day immediately following the day on which the registrar mailed the notice of hearing or inquiry, where it was served by mail. O. Reg. 151/73, s. 24.

25.—(1) The registrar shall serve a copy of the report of an adjudicator or investigator authorized to inquire into the complaint, together with a notice of the report in Form 33 of Ontario Regulation 577/72, upon each of the persons served with the notice of inquiry.

(2) Any person served with the notice of inquiry who desires to make representation concerning the report shall file a statement of desire as mentioned in Form 33 of Ontario Regulation 577/72 not later than the twelfth day after,

- (a) the day on which the registrar served the person with the notice of report, where it was served personally; or
- (b) the day immediately following the day on which the registrar mailed the notice of report to the person, where it was served by mail.

(3) Where the registrar receives a statement of desire to make representations in the form and manner required by this section, or where the Tribunal so directs, the registrar shall serve each of the persons served with a notice of inquiry with a notice of hearing by the Tribunal in Form 18 of Ontario Regulation 577/72. O. Reg. 151/73, s. 25.



## DECLARATION AS TO STRIKE OR LOCKOUT

26.—(1) An application for a declaration that an employee organization has declared or authorized a strike or that employees are engaging in a strike shall be made in quadruplicate in Form 34 or 35, as the case requires, of Ontario Regulation 577/72.

(2) An application for a declaration that the employer has declared or authorized a lockout or is engaging in a lockout shall be made in quadruplicate in Form 36 of Ontario Regulation 577/72.

(3) Section 2 does not apply to an application under subsection 1 or 2. O. Reg. 151/73, s. 26.

27. The registrar shall serve each respondent with,

(a) a copy of the application; and

(b) a notice of application and of hearing in Form 37 of Ontario Regulation 577/72. O. Reg. 151/73, s. 27.

28. A respondent may reply by filing his reply in quadruplicate in Form 38 of Ontario Regulation 577/72 not later than the sixth day after,

(a) the day on which the registrar served the respondent with the notice of application, where it was served personally; or

(b) the day immediately following the day on which the registrar mailed the notice of application to the respondent, where it was served by mail. O. Reg. 151/73, s. 28.

## CONSENT TO INSTITUTE PROSECUTION

29.—(1) An application for consent to institute a prosecution shall be made in quadruplicate in Form 39 of Ontario Regulation 577/72.

(2) Section 2 does not apply to an application under subsection 1.

(3) The registrar shall serve each respondent with,

(a) a copy of the application; and

(b) a notice of application and of hearing in Form 37 of Ontario Regulation 577/72. O. Reg. 151/73, s. 29.

30. A respondent may reply by filing his reply in quadruplicate in Form 40 of Ontario Regulation 577/72 not later than the sixth day after,

(a) the day on which the registrar served the respondent with the notice of application, where it was served personally; or

(b) the day immediately following the day on which the registrar mailed the notice of application to the respondent, where it was served by mail. O. Reg. 151/73, s. 30.

## PARTICULARS

31.—(1) Where a person intends to allege, at the hearing of an application or complaint, improper or irregular conduct by any person, he shall,

(a) include in the application or complaint; or

(b) file a notice of intention that shall contain,

a concise statement of the material facts, actions and omissions upon which he intends to rely as constituting such improper or irregular conduct, including the time when and the place where the actions or omissions complained of occurred and the names of the persons who engaged in or committed them, but not the evidence by which the material facts, actions or omissions are to be proved, and, where he alleges that the improper or irregular conduct constitutes a violation of any provision of the Act, he shall include a reference to the section or sections of the Act containing such provision.

(2) Where, in the opinion of the Tribunal a person has not filed notice of intention promptly upon discovering the alleged improper or irregular conduct, he shall not adduce evidence at the hearing of the application of such facts, except with the consent of the Tribunal and, if the Tribunal considers it advisable to give such consent, it may do so upon such terms and conditions as it considers advisable.

(3) Where a statement in an application or complaint or in any document in respect of the application or complaint is so indefinite or incomplete as to hamper any person in the preparation of his case, the Tribunal may, upon the request of the person made promptly upon receipt of the application, complaint or document, direct that the information stated be made specific or complete and, if the person so directed fails to comply with the direction, the Tribunal may strike the statement from the application, complaint or document.

(4) No person shall adduce evidence at the hearing of an application or complaint of any material fact that has not been included in the application or complaint or in any document in respect of the application or complaint, except with the consent of the Tribunal and, if the Tribunal considers it advisable to give such consent, it may do so upon such terms and conditions as it considers advisable. O. Reg. 151/73, s. 31.

## SERVICE

32. Where a notice of hearing in Form 18 of Ontario Regulation 577/72 is required to be served, it shall be served not less than four days before the day fixed for the hearing. O. Reg. 151/73, s. 32.

33.—(1) Where a document is required to be filed by these Rules, filing shall be deemed to be made,

- (a) at the time it is received by the Board; or
- (b) where it is mailed by registered mail addressed to the Tribunal at its office, at the time it is mailed.

(2) Where a document is required to be served by these Rules, the service may be made,

- (a) in person;
- (b) by mail addressed to the recipient at his address for service or his last-known or usual address or at his principal office or his place of business referred to in an application, complaint, intervention or reply in the proceeding;
- (c) upon the direction of the Tribunal where the Tribunal considers it necessary in the interests of justice, by,
  - (i) telegram addressed to the recipient at his address for service or his last-known or usual address or at his principal office or his place of business referred to in an application, complaint, intervention or reply in the proceeding, or
  - (ii) publication in a newspaper or public broadcast by radio or television having general circulation or reception in the area where the recipient has his address for service or his last-known or usual address or his principal office or his place of business referred to in an application, complaint, intervention or reply in the proceeding,

and a written, typewritten or printed copy of the document shall be given to the recipient if the recipient makes personal application therefor. O. Reg. 151/73, s. 33.

34.—(1) The registrar shall serve each of the parties to a proceeding with a copy of each reply, intervention, intervener's application for representation rights, statement of desire to make representations or notice of intention to make allegations of improper or irregular conduct, filed in the proceeding.

(2) Upon receipt of a statement of desire by an employee or a group of employees to make representations in opposition to an application under these Rules, the registrar shall inform in writing the applicant, the respondent and the intervener, if any, of the nature thereof. O. Reg. 151/73, s. 34.

35.—(1) Where the registrar serves the employer with notices of application for posting, the employer shall post the notices immediately upon

their receipt and keep them posted upon his premises in conspicuous places where they are most likely to come to the attention of all employees who may be affected by the application until the expiration of the terminal date for the application.

(2) Immediately after the employer has posted the notices under subsection 1 the employer shall file a return of posting in Form 17 of Ontario Regulation 577/72. O. Reg. 151/73, s. 35.

36. Where an employee organization that makes an application for representation rights or that files an intervention has not been found by the Tribunal to be an employee organization within the meaning of clause *h* of subsection 1 of section 1 of the Act in a previous proceeding under the Act, the registrar shall serve upon the parties to the application and upon any employee organization upon whom he is required to effect service under section 7 of these Rules a notice to that effect and he shall also attach such a notice to any notice to employees of the making of an application that an employer is required to post under section 4 or 9 of these Rules. O. Reg. 151/73, s. 36.

#### GENERAL

37. The Tribunal may direct that any person be added as a party to a proceeding or be served with any document, as the Tribunal considers advisable. O. Reg. 151/73, s. 37.

38. The Tribunal may dispose of any application or complaint without further notice to anyone who has not filed a document in the proceeding in the form and manner prescribed by these Rules. O. Reg. 151/73, s. 38.

39. Where the Tribunal considers it necessary, it may at any time direct that a proceeding before the Tribunal be consolidated with any other proceeding before the Tribunal and it may issue such directions in respect of the conduct of the consolidated proceeding as it considers advisable. O. Reg. 151/73, s. 39.

40.—(1) The Tribunal may, if it considers it advisable in the interests of justice, adjourn any hearing for such time and to such place and upon such terms as it considers fit.

(2) The Tribunal may, upon such terms as it considers advisable, enlarge the time prescribed by these Rules for doing any act, serving any notice, filing any report, document or paper or taking any proceeding and may do so although application therefor is not made until after the expiration of the time prescribed.

(3) Where it is satisfied that it is necessary or convenient in the public interest, the Tribunal may abridge the time prescribed by these Rules for doing any act, serving any notice, filing any report, document or paper or taking any proceeding. O. Reg. 151/73, s. 40.



41. An application, reply, intervention, complaint, statement or desire to make representations or notice may be amended before or at the hearing by leave of the Tribunal upon such terms and conditions as the Tribunal considers advisable. O. Reg. 151/73, s. 41.

42. No proceeding under these Rules is invalid by reason of any defect in form or of any technical irregularity. O. Reg. 151/73, s. 42.

43. The decisions, declarations, determinations, directions, orders and rulings of the Tribunal shall be signed on behalf of the Tribunal by the chairman or an adjudicator. O. Reg. 151/73, s. 43.

44. Procedure not prescribed is governed by analogy to these Rules. O. Reg. 151/73, s. 44.

ONTARIO PUBLIC SERVICE LABOUR  
RELATIONS TRIBUNAL:

WALTER LITTLE  
Chairman

Dated at Toronto, this 15th day of February, 1973.

(5158)

14

THE ENVIRONMENTAL PROTECTION  
ACT, 1971

O. Reg. 152/73.

Deep Well Disposal.

Made—March 7th, 1973.

Filed—March 21st, 1973.

REGULATION MADE UNDER  
THE ENVIRONMENTAL PROTECTION  
ACT, 1971

DEEP WELL DISPOSAL

INTERPRETATION

1. In this Regulation,

- (a) "barrel" means 35 standard Canadian gallons as defined by the *Weights and Measures Act* (Canada);
- (b) "deep well disposal" means the discharge of liquid waste into a geological formation by means of a well;
- (c) "Detroit River Group" means the geological formations generally known as the Detroit River Group of formations of Devonian age;

(d) "liquid industrial waste" means liquid waste that results from industrial processes or manufacturing or commercial operations;

(e) "lost circulation zone" means a zone within a geological formation generally known by this name and into which wastes can be discharged without positive injection pressure at the surface;

(f) "oil field brine" means brine produced in association with oil and gas drilling and production operations which are controlled under *The Petroleum Resources Act, 1971*;

(g) "surface facilities" means storage or treatment facilities provided at the disposal site for liquid waste before discharge into the subsurface and includes piping, pumps, valves, tankage, instrumentation and other equipment. O. Reg. 152/73, s. 1.

DESIGNATION AND EXEMPTION OF WASTES

2. The following is designated a waste:

Oil field brine. O. Reg. 152/73, s. 2.

3. The following waste is exempted from the Act and this Regulation:

Oil field brine. O. Reg. 152/73, s. 3.

CLASSIFICATION OF WASTE DISPOSAL SITE

4. The following is classified as a waste disposal site:

Deep well disposal site. O. Reg. 152/73, s. 4.

STANDARDS FOR DEEP WELL DISPOSAL SITES

5. The following are prescribed as standards for the location, maintenance and operation of a deep well disposal site:

- 1. Access roads and on-site roads shall be provided so that vehicles hauling liquid industrial wastes to and on the site, or vehicles necessary for the proper operation and maintenance of surface facilities provided at the site, may travel readily on any day under all normal weather conditions.
- 2. Such surface facilities shall be provided at the site as in the opinion of the Director are necessary for its proper operation.
- 3. Where liquid industrial waste is hauled by tank truck or other container to the site, access to the site shall be limited to such time as an attendant is on duty.



4. The site shall be enclosed to prevent entry by unauthorized persons and access to the property shall be by roadway closed by a gate capable of being locked.
5. Procedures shall be established, signs posted and safeguards maintained for the prevention of accidents or spills at the site.
6. All wells to be used for deep well disposal shall conform to the requirements of *The Petroleum Resources Act, 1971* and Ontario Regulation 45/72.
7. Provision shall be made to contain spills resulting from the operations within the site and effectively prevent the egress of contaminants from the site.
8. A monitoring program shall be required at the site for the protection of well water supplies.
9. Where conditions or findings obtained from the monitoring program referred to in paragraph 8 indicate that further investigation is necessary, observation wells shall be drilled into the receiving formation or into overlying fresh water horizons, and a further monitoring program established on the basis of information available from these new wells.
10. Records for each month of operation shall be maintained by the operator of the site showing,
  - i. the source, volume in barrels and chemical composition of all wastes received at the site,
  - ii. the treatment provided,
  - iii. the volume in barrels of wastes discharged into the well,
  - iv. the minimum and maximum injection pressure and annulus pressure and the average and maximum rate of discharge, and
  - v. the results of monitoring programs.
11. On or before the 15th day of each month, the operator of the site shall report to the Director the information contained in the records referred to in paragraph 10 in respect to the preceding month's operations.
12. On or before the 15th day of February in each year, the operator of the site shall report to the Director a summary of all the information contained in the records referred to in paragraph 10 in respect to the preceding year's operations. O. Reg. 152/73, s. 5.

## FEES

6. The following are prescribed as the rates of the fees for the disposal of wastes in a well that is a waste disposal site that shall be paid into The Waste Well Disposal Security Fund:

1. For the cumulative total of brine disposed of in the well in the calendar year,
 

not more than 25 million barrels.....	¼¢ per barrel
more than 25 million barrels and up to 50 million barrels.....	⅜¢ per barrel
more than 50 million barrels and up to 100 million barrels.....	1/20¢ per barrel
more than 100 million barrels and up to 200 million barrels.....	1/50¢ per barrel
more than 200 million barrels.....	1/100¢ per barrel
2. For the cumulative total of all waste other than brine disposed of in the well in the calendar year,
 

not more than 100 thousand barrels....	20¢ per barrel
more than 100 thousand barrels and up to 500 thousand barrels..	10¢ per barrel
more than 500 thousand barrels.....	5¢ per barrel

O. Reg. 152/73, s. 6.

## LOCATION OF SITES

7.—(1) No deep well disposal site shall be located so as to allow any liquid industrial waste other than brine to be discharged into a lost circulation zone in the Detroit River Group on and after the 1st day of April, 1974.

(2) Subject to subsection 1, no deep well disposal site shall be located so as to allow any liquid industrial waste other than brine to be discharged into the Detroit River Group on and after the 1st day of April, 1973.

(3) Subject to subsection 1, no deep well disposal site shall be located so as to allow any liquid industrial waste to be discharged into the Detroit River Group on and after the 1st day of April, 1974.

(4) Subject to subsection 1, no deep well disposal site shall be located so as to allow any liquid industrial waste to be discharged into the Detroit River Group within five miles of the St. Clair River on and after the 1st day of April, 1973. O. Reg. 152/73, s. 7.

## THE DENTURE THERAPISTS ACT, 1972

O. Reg. 153/73.

General.

Made—March 21st, 1973.

Filed—March 22nd, 1973.

REGULATION MADE UNDER  
THE DENTURE THERAPISTS ACT, 1972

## GENERAL

## INTERPRETATION

## 1.—(1) In this Regulation,

(a) “commercial dental laboratory” means a laboratory operated by a registered dental technician wherein prosthetic devices are fabricated on prescription of a dentist but does not include premises wherein prosthetic devices are fabricated by a denture therapist for dentists for whom the denture therapist provides intra-oral procedures of denture therapy;

(b) “independent contractor” means a denture therapist who is not an employee but who contracts his services out on a retainer basis.

(2) For the purposes of clause *d* of section 6 of the Act, “professional misconduct” means,

(a) the soliciting of patients by a denture therapist;

(b) the submission of any accounts or charges to a patient or to any person legally responsible for the patients’ debts for services rendered to the patient by a denture therapist;

(c) the assisting or counselling of a person who is not licensed as a denture therapist to practice denture therapy;

(d) except for academic degrees, titles or entitlements, the use or knowingly permitting the use of any description or designation of a denture therapist other than as a denture therapist;

(e) the use or knowingly permitting the use of any vocational description or designation of denture therapy other than as denture therapy;

(f) the committing of an offence under subsection 1 of section 16 of the Act. O. Reg. 153/73, s. 1.

## QUALIFICATIONS AND APPLICATIONS

2.—(1) An applicant for a licence to engage in the practice of denture therapy shall,

(a) be a graduate of a course of study in denture therapy approved by the Board;

(b) be a dental technician registered in Ontario;

(c) be a qualified dentist who has graduated from a dental school in a foreign jurisdiction but who is not licensed to practise dentistry in Ontario; or

(d) have a minimum of Grade VIII education in Ontario or such other academic qualifications that, in the opinion of the Minister of Education are equivalent thereto and have knowledge or vocational experience in dental care.

(2) Where an applicant for a licence to engage in the practice of denture therapy has the qualifications set out in clause *a* of subsection 1 an application to the Registrar for a licence to engage in the practice of denture therapy shall be in Form 1.

(3) The fee on an application under subsection 2 is \$85.

(4) Where an applicant for a licence to engage in the practice of denture therapy has the qualifications set out in clause *b*, *c* or *d* of subsection 1,

(a) an application to the Registrar for a licence to engage in the practice of denture therapy shall be in Form 2;

(b) the applicant shall be required to take examinations set or approved by the Board;

(c) the examination fee payable on an application is \$150; and

(d) the applicant shall, after receiving notice from the Registrar of having completed and passed the examinations required in clause *b*, pay to the Registrar, an application fee of \$85.

(5) Where an applicant for a licence to engage in the practice of denture therapy has the qualifications set out in clause *b*, *c* or *d* of subsection 2, the Registrar shall notify each applicant of the date, time and place of the examination required under clause *b* of subsection 4.

(6) The examinations required under clause *b* of subsection 4 shall be sequential and shall consist of written, oral and practical parts.

(7) The Board shall, in the year 1973 and at least once a year thereafter and at such times and places as the Board considers necessary, hold or cause to be held, the examinations referred to in clause *b* of subsection 4. O. Reg. 153/73, s. 2.



3. A licence to practise denture therapy shall be in Form 3. O. Reg. 153/73, s. 3.

4.—(1) An application for a renewal of a licence to practise denture therapy shall be in Form 4 and shall be accompanied by the return required under subsection 1 of section 5.

(2) The fee on an application made under subsection 1 is \$75. O. Reg. 153/73, s. 4.

#### RETURNS

5.—(1) Every denture therapist shall furnish to the Registrar, within thirty days of the issuance of his licence, information stating,

- (a) whether he is employed full time or part time;
- (b) the names, addresses and telephone numbers of his employers;
- (c) whether he is providing services to dentists or in dental clinics in other health facilities as an independent contractor;
- (d) where he is providing services to dentists or in dental clinics in other health facilities, the names, addresses and telephone numbers of,
  - (i) those dentists to whom such services are provided, or
  - (ii) those dental clinics in other health facilities in which such services are provided;
- (e) whether he has his own laboratory; and
- (f) where he has his own laboratory, the location and telephone number of the laboratory and number of persons employed by him.

(2) Where there is a change in the information required to be provided to the Registrar under subsection 1, the denture therapist shall furnish to the Registrar, within thirty days of such change, the information respecting the change. O. Reg. 153/73, s. 5.

6. No denture therapist shall have any proprietary interest in a commercial dental laboratory. O. Reg. 153/73, s. 6.

#### ADVERTISING

7. No denture therapist who is an employee shall advertise himself as a denture therapist by written or any other advertisement otherwise than by a professional card which gives his name and educational or professional designations and which shall contain no references to equipment, special procedures or qualifications. O. Reg. 153/73, s. 7.

8. Subject to section 9, no denture therapist who is an independent contractor shall advertise himself as a denture therapist by written or any other advertisement otherwise than by,

- (a) a professional card which gives his name, address, business hours, telephone number and his educational or professional designations and which shall contain no references to equipment, special procedures or qualifications;
- (b) a telephone directory listing which is in accordance with the requirements of section 10; or
- (c) publishing in a journal or other publication exclusively devoted to dental surgery or dental technique or both, or in a printed publication circulated exclusively among dentists or physicians or denture therapists, an announcement or card giving his name, address, business hours, telephone number and his educational or professional designations. O. Reg. 153/73, s. 8.

9.—(1) Where a denture therapist is an independent contractor and he has his own laboratory, he may display an exterior sign on the premises in which his laboratory is located and the letters on the sign shall not exceed four inches in height.

(2) Where a denture therapist who is an independent contractor commences his practice of denture therapy in a particular geographical area he may cause to be published in a newspaper or newspapers having a general circulation in that particular geographical area, no more than three consecutive advertisements in each newspaper, announcing the commencement of his practice as a denture therapist, giving his name, address, telephone number and educational or professional qualifications and each advertisement shall not exceed two columns in width or four inches in length or contain any display advertising. O. Reg. 153/73, s. 9.

10.—(1) A telephone directory listing shall,

- (a) not contain any display advertising;
- (b) not contain any reference to any particular facility or equipment;
- (c) where it is in the white pages of the telephone directory,
  - (i) be of heavy or light type, and
  - (ii) be used only under the alphabetical listing according to the denture therapists' surname; and



- (d) where it is in the yellow pages of the telephone directory,

(i) be only of light type,

(ii) be used only in the telephone listings for the particular geographical area in which the denture therapist practises denture therapy or has his laboratory,
- (iii) be used only in that part of the yellow pages designated denture therapists, and

(iv) list only the partnership name and not contain any reference to the names of the individual partners where the practice of denture therapy is carried on as a partnership. O. Reg. 153/73, s. 10.

Form 1

The Denture Therapists Act, 1972

APPLICATION FOR A LICENCE TO ENGAGE IN THE PRACTICE OF  
DENTURE THERAPY

1. I, .....  
(print name in full)  
.....  
(address in full)  
of the.....  
(city, county, province)

hereby make application to the Registrar for a licence to engage in the practice of denture therapy.

2. My qualifications are set out below.

ACADEMIC QUALIFICATIONS

Name and location of educational institution	Dates of attendance	Diplomas or degrees

VOCATIONAL QUALIFICATIONS

Name and Location of vocational institution	Period of attendance	Qualifications earned

PRACTICAL VOCATIONAL EXPERIENCE IN THE FIELD OF DENTAL CARE

Place of Employment	Address	Date

3. Are you registered with any other regulatory body?  
Yes ☐ No ☐

If yes, in what jurisdiction?

If yes, give details and submit photo copies of any permits, licences or certificates relating thereto.

4. Have you ever been refused registration by any other regulatory body or has your registration ever been suspended or revoked?  
Yes ☐ No ☐

If yes, give details.

5. Attached to this application are the following:

- (1) Proof of my academic and vocational qualifications.
- (2) Photo copies of any permits, licences or certificates referred to in section 3.
- (3) A passport type and size photograph of myself taken within the last six months.
- (4) A certified cheque payable to the Treasurer of Ontario in the sum of \$.....

.....  
(signature of applicant)

Dated at ....., this ..... day of ....., 19...

AFFIDAVIT

Province of Ontario, City of	I,..... of the..... in the County of..... make oath and say:
To Wit:	

- 1. I am the applicant herein for a licence and I signed the foregoing application.
- 2. To the best of my knowledge, information and belief, the information given in the application is true.

3. The photograph enclosed with the application is a photograph of myself taken within the last six months.

Sworn before me at the

.....in the

.....of.....

this.....day of.....,

19...

}

A Commissioner, etc.

.....

(signature)

O. Reg. 153/73, Form 1.

Form 2

*The Denture Therapists Act, 1972*

APPLICATION FOR EXAMINATION AND LICENCE TO ENGAGE IN THE  
PRACTICE OF DENTURE THERAPY

1. I, .....

(print name in full)

.....

(address in full)

of the.....

(city, county, province)

hereby make application to the Registrar for the next sittings of the licensing examinations to be set or approved by the Board, and if I am successful at such examination for a licence to engage in the practice of denture therapy.

2. My qualifications are set out below.

ACADEMIC QUALIFICATIONS

Name and location of educational institution	Dates of attendance	Diplomas or degrees



VOCATIONAL QUALIFICATIONS

Name and location of vocational institution	Period of attendance	Qualifications earned

PRACTICAL VOCATIONAL EXPERIENCE IN THE FIELD OF DENTAL CARE

Place of Employment	Address	Date

3. Are you registered with any other regulatory body?  
Yes ☐ No ☐

If yes, in what jurisdiction?

If yes, give details and submit photo copies of such permits, licences or certificates.

4. Have you ever been refused registration by any other regulatory body or has your registration ever been suspended or revoked?  
Yes ☐ No ☐

If yes, give details.

5. Attached to this application are the following:
- (1) Proof of my academic and vocational qualifications.
  - (2) Photo copies of any permits, licences or certificates referred to in section 3.
  - (3) A passport type and size photograph of myself taken within the last six months.
  - (4) A certified cheque payable to the Treasurer of Ontario in the sum of \$.....for my licensing examinations.

6. If I obtain pass standing at the licensing examinations I shall remit to the Treasurer of Ontario the application fee of \$85 after receiving notification from the Registrar.

.....  
(signature of applicant)

Dated at ....., this ..... day of ....., 19...

AFFIDAVIT

Province of Ontario, City of	I,..... of the..... in the County of..... make oath and say:
To Wit:	

- 1. I am the applicant herein for examination and licence, and I signed the foregoing application.
- 2. To the best of my knowledge, information and belief, the information given in the application is true.
- 3. The photograph enclosed with the application is a photograph of myself taken within the last six months.

Sworn before me at the

.....in the  
.....of.....  
this.....day of.....  
19...

.....  
(signature)

A Commissioner, etc.

O. Reg. 153/73, Form 2.

Form 3

*The Denture Therapists Act, 1972*

LICENCE TO PRACTISE DENTURE THERAPY

Under *The Denture Therapists Act, 1972* and the regulations, and subject to the limitations thereof, this licence is issued to:

.....  
(name)

.....  
(address)

to practise denture therapy.

(SEAL).....  
Registrar of Denture Therapists

Date of Issue

.....

Expiry Date

.....

Licence Number

.....

O. Reg. 153/73, Form 3.

## Form 4

*The Denture Therapists Act, 1972*APPLICATION FOR A RENEWAL OF A LICENCE TO PRACTISE  
DENTURE THERAPY

1. I, .....  
(print name in full)

.....  
(address in full)

of the .....  
(city) (county) (province)

hereby make application to the Registrar for renewal of my licence to practise denture therapy.

2. My licence number is No. ....

3. Enclosed with this application is a certified cheque in the amount of \$.....payable to the Treasurer of Ontario together with the annual return required under subsection 1 of section 4 of Ontario Regulation 153/73.

.....  
O. Reg. 153/73, Form 4.

(5160)

14

## THE REGISTRY ACT

## O. Reg. 154/73.

Registry Divisions.

Made—March 21st, 1973.

Filed—March 22nd, 1973.

REGULATION MADE UNDER  
THE REGISTRY ACT

1. Section 5 of Regulation 779 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(4) Effective on the 26th day of March, 1973 that part of the Registry Division of Essex described in Schedule 13 is annexed to the Registry Division of Kent. O. Reg. 154/73, s. 1.

2. Regulation 779 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following sections:

18. Effective on the 26th day of March, 1973 that part of the Registry Division of Timiskaming described in Schedule 14 is annexed to the Registry Division of Cochrane. O. Reg. 154/73, s. 2, *part*.

19. Effective on the 26th day of March, 1973 that part of the Registry Division of Wentworth described in Schedule 15 is annexed to the Registry Division of Waterloo South. O. Reg. 154/73, s. 2, *part*.

3. Regulation 779 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

## Schedule 13

Part of Lot 22 in Concession 2 and part of the road allowance between concessions 2 and 3 in the Township of Tilbury North in the County of Essex and part of the Townline Road between the Township of Tilbury North in the County of Essex and the Township of Tilbury East in the County of Kent, described in one parcel as follows:

Beginning at the point of intersection of the southerly limit of the road between concessions 2 and 3 with the westerly boundary of the Corporation of the Town of Tilbury, said point being distant four hundred and ninety-five feet (495') measured westerly along the said southerly limit of the road between concessions 2 and 3 from the easterly limit of said Lot 22, Concession 3; thence easterly follow-



ing the said southerly limit of the road between concessions 2 and 3, four hundred and ninety-five feet (495') to the westerly limit of the Townline Road between the Township of Tilbury North in the County of Essex and the Township of Tilbury East in the County of Kent; thence southerly following the last-mentioned limit five hundred and eight feet (508') to the westerly production of the southerly limit of the road between concessions 3 and 4 in the Township of Tilbury East in the County of Kent; thence easterly following the last-mentioned production sixty and forty-six one-hundredths feet (60.46') to the centre line of the said Townline Road; thence northerly following the centreline of the said Townline Road, two thousand one hundred and eighty-six and three tenths feet (2,186.3') to a point; thence westerly and parallel with the northerly limit of the Canadian Pacific Railway right-of-way, one thousand two hundred and thirty-three feet (1,233') to a point; thence southerly and parallel with the easterly limit of Lot 22, Concession 2, six hundred and thirty-five feet (635') to the northerly limit of the Canadian Pacific Railway right-of-way; thence easterly following the last-mentioned limit five hundred feet (500') to a point; thence northerly and parallel with the easterly limit of said Lot 22, thirty-five feet (35') to the northerly limit of the Canadian Pacific Railway right-of-way; thence easterly following the last-mentioned limit two hundred and five feet (205') to a point, said point being distant four hundred and ninety-five feet (495') measured westerly at right angles from the easterly limit of said Lot 22; thence southerly and parallel with the easterly limit of said Lot 22, one thousand and seventy feet (1,070') more or less to the place of beginning. O. Reg. 154/73, s. 3, *part.*

#### Schedule 14

Parts of the District of Timiskaming described as follows:

1. The geographic townships of Adams, Black, Blackstock, Denton, Eldorado, Langmuir, Melba, Price and Thorneloe.
2. The north half of Concession 4 and all of concessions 5 and 6 in the geographic township of Benoit. O. Reg. 154/73, s. 3, *part.*

#### Schedule 15

That part of the Township of Beverly described as follows:

Beginning at a point in the west boundary of the Township of Beverly at the intersection of the prolongation of the line between the north and

south halves of Lot G of the said Township; thence easterly to and along the line between the north and south halves of the said Lot G and along the line between the north and south halves of lots 1 to 11, both inclusive, in Concession VII of the said Township of Beverly to the line between lots 11 and 12 in the said Concession VII; thence northerly along the line between lots 11 and 12 in concessions VII, VIII, IX, X and its extension northerly, to the northerly boundary of the said Township of Beverly; thence westerly along the northerly boundary of the Township of Beverly to the northwest angle thereof; thence south along the west boundary of the said Township of Beverly to the point of beginning. O. Reg. 154/73, s. 3, *part.*

(5162)

14

### THE LAND TITLES ACT

O. Reg. 155/73.

Land Titles Divisions.

Made—March 21st, 1973.

Filed—March 22nd, 1973.

### REGULATION MADE UNDER THE LAND TITLES ACT

1. Regulation 554 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:
11. Effective on the 26th day of March, 1973 that part of the Land Titles Division of Timiskaming described in Schedule 3, is annexed to the Land Titles Division of Cochrane. O. Reg. 155/73, s. 1.
2. Regulation 554 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

#### Schedule 3

Parts of the District of Timiskaming described as follows:

1. The geographic townships of Adams, Black, Blackstock, Denton, Eldorado, Langmuir, Melba, Price and Thorneloe.
2. The north half of Concession 4 and all of concessions 5 and 6 in the geographic township of Benoit. O. Reg. 155/73, s. 2.

(5163)

14

**THE PARTNERSHIPS REGISTRATION  
ACT**

**O. Reg. 156/73.**

General.

Made—March 21st, 1973.

Filed—March 22nd, 1973.

**REGULATION MADE UNDER  
THE PARTNERSHIPS REGISTRATION ACT**

1. Schedule 2 to Regulation 653 of Revised Regulations of Ontario, 1970, as amended by section 3 of Ontario Regulation 26/71, is further amended by adding thereto the following:

COLUMN 1	COLUMN 2	COLUMN 3
March 26, 1973	York North (No. 65)	Toronto (No. 63)

(5164)

14

**THE ENVIRONMENTAL PROTECTION  
ACT, 1971**

**O. Reg. 157/73.**

Sulphur Content of Fuels.

Made—March 14th, 1973.

Filed—March 22nd, 1973.

**REGULATION MADE UNDER  
THE ENVIRONMENTAL PROTECTION  
ACT, 1971**

1. Section 3 of Regulation 17 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
3. Subject to section 4, no person shall use for fuel, or sell or offer for sale, any fuel referred to in Column 1 of the Schedule if the sulphur content of the fuel is greater than the maximum sulphur content set opposite thereto in Column 2 of the Schedule. O. Reg. 157/73, s. 1.

2. The Schedule to Regulation 17 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule**

	COLUMN 1	COLUMN 2
Fuel	Grade or type of Fuel	Maximum Sulphur Content
Oil	1	0.5%
	2	0.5%
	4	1.5%
	5	1.5%
	6B	1.5%
	6C	1.5%
Coal	Bituminous	1.5%

O. Reg. 157/73, s. 2.

(5165)

14



## THE ONTARIO WATER RESOURCES ACT

O. Reg. 158/73.

Plumbing Code.

Made—March 1st, 1973.

Approved—March 14th, 1973.

Filed—March 22nd, 1973.

REGULATION MADE UNDER  
THE ONTARIO WATER RESOURCES ACT

1.—(1) Subsection 1 of section 1 of Regulation 647 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 344/71, is further amended by adding thereto the following paragraphs:

1a. "accessible" means approachable by person or tools as required, without undue hindrance or impediment, and where all obstacles may be removed and replaced without the cutting or breaking and subsequent patching or replacing of the materials;

27a. "factory built housing" means housing that is partly or totally built in a factory and then transported in sections or as a complete unit to a site where it is erected or stationed and provided with the necessary services to make it a habitable unit that, when occupied, is void of transport features such as wheels, tires, axles, brakes or lamps;

49a. "mobile home" means a structure that is permanently equipped with the necessary axles, wheels, tires, brakes and lamps or reflectors to permit it to be moved about on a highway and is used, or is intended to be used, as a year-round shelter or dwelling place for persons when it is furnished and connected to appropriate sewer, water and electrical services;

(2) Paragraphs 64, 67, 69 and 70 of subsection 1 of the said section 1 are revoked and the following substituted therefor:

64. "sanitary unit" means a water closet, urinal, bidet or bedpan washer;

67. "sewage tank" means a sump that is air tight except for the vent required by section 128 and that receives the discharge of sewage from a subdrain;

69. "soil stack" means a stack that conveys the discharge of one or more sanitary units with or without the discharge from any other fixture;

70. "stack" means that part of drainage piping that is vertical and that runs from the building drain or sewage tank to the open air and includes offsets not exceeding five feet perpendicular distance;

71a. "structural change", when used to refer to a building, means the alteration, defacement or removal of any normally permanent structural member or surface, whether repaired or not, if the nature of the repair is, or would be, such that other material replaces that which was removed;

80a. "trade size" means any size designation traditionally used by the trade, but restricted to products or classes of products manufactured to a standard or specification, so that the designated trade size may be referred to an industry accepted table or chart which then provides the true dimensions of the item in question;

80b. "travel trailer" means any vehicle designed, built and maintained so that it may be drawn on the highway and primarily built, furnished and used, or intended to be used, for overnight or short term shelter;

2.—(1) Subsection 1 of section 2 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Subject to subsections 2, 3, 4, 5 and 6, this Regulation applies to plumbing other than plumbing constructed, repaired, renewed or altered for the sole purpose of industrial processes. O. Reg. 158/73, s. 2 (1).

(2) The said section 2 is further amended by adding thereto the following subsections:

(4) This Regulation applies to all plumbing in factory built housing erected in Ontario notwithstanding that some part of the plumbing may have been constructed outside the jurisdiction responsible for the inspection.

(5) No pipes, fittings, fixtures or materials used in plumbing contained in any mobile home or travel trailer constructed after the 1st day of July, 1973 shall be put into service or connected to any public or private sewers or water supply system unless the



pipes, fittings, fixtures or materials are marked as approved by the Canadian Standards Association as being in conformance with the appropriate sections of the Canadian Standards Association standard Z240.

(6) Plumbing in a mobile home or travel trailer that is marked as approved in accordance with subsection 5 shall not be subject to further inspection for compliance with this Regulation but shall be inspected from time to time to ensure that it continues to meet the standard under which it was approved, and where such plumbing is found to be altered subsequent to approval, or where for some reason it was not eligible for Canadian Standards Association approval, it shall be subject to this Regulation. O. Reg. 158/73, s. 2 (2).

3. Subsection 1 of section 3 of Regulation 647 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 344/71, is revoked and the following substituted therefor:

(1) Subject to subsection 2, no person shall construct, repair, renew or alter, or cause, suffer or permit an employee or agent to construct, repair, renew or alter, any plumbing except in conformance with this Regulation. O. Reg. 158/73, s. 3.

4. Section 6 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(4) All nuts, bolts, screws and other fastening devices used in the assembly, adjustment, hanging or mounting of plumbing piping, fittings, fixtures, drains or cover plates when subject to periodic disassembly, reassembly or adjustment shall be made of a material that is adequate for the task and that will not become inoperative by the normal ravages of moisture, corrosion or aging. O. Reg. 158/73, s. 4.

5. Section 13 of Regulation 647 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 209/72, is further amended by adding thereto the following subsections:

(8) Where copper tubing that is not hard drawn is installed above ground and within a building, it shall first be stretched until it is straight and every bend made in it thereafter shall be made with tools designed for the purpose of bending and the radius of every change of direction shall be constant from tangent to tangent.

(9) Hard drawn copper tubing shall not be bent unless it is annealed first, and where it is annealed, it shall be subject to subsection 8.

(10) Type M copper tube shall not be bent under any circumstances. O. Reg. 158/73, s. 5.

6. Section 23 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:

(2) In this Part, "consumer", when used to refer to a consumer of water, means the person actually drinking or otherwise using the water whether or not he is the owner of the premises at which the water is received or whether or not he has a purchase contract with a public utilities commission or other water supplier. O. Reg. 158/73, s. 6.

7. Subsections 1 and 5 of section 24 of Regulation 647 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(1) Subject to subsection 1a, no connection shall be made in a potable water system whereby any foreign matter or non potable water may enter the potable water system.

(1a) No water that is supplied by a municipality, public utilities commission or other operator of a water supply system shall be subjected to any process of treatment or adulteration before it reaches the consumer except where such process is administered under the complete control of,

(a) the operator of the water supply system; or

(b) the consumer with the consent of the operator of the water supply system.  
O. Reg. 158/73, s. 7, *part*.

(5) No pipe conveying non potable water, sewage or any toxic substance shall be run where it may contaminate the potable water in,

(a) a tank which may or may not be a pressure tank; or

(b) any food or beverage handling pipe or equipment. O. Reg. 158/73, s. 7, *part*.

8. Section 29 of Regulation 647 of Revised Regulations of Ontario, 1970, as amended by section 4 of Ontario Regulation 344/71, is further amended by adding thereto the following subsection:

(2) No distributing pipe made predominantly of iron and made to iron pipe sizes or to cast iron pipe sizes shall be installed in any potable water distributing system above the lowest floor of the building unless the pipe is accessible for repair and replacement without structural changes in the building. O. Reg. 158/73, s. 8.

9.—(1) Subsection 1 of section 37 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Subject to subsection 4, joints of copper tubing shall be soldered, sweated or flared. O. Reg. 158/73, s. 9 (1).

(2) The said section 37 is further amended by adding thereto the following subsection:

(4) Where metallic pipe or tubing is joined to dissimilar metal and metallic contact may lead to galvanic corrosion within the system, a dielectric connector shall be used. O. Reg. 158/73, s. 9 (2).

10. Section 42 of Regulation 647 of Revised Regulations of Ontario, 1970, as amended by section 5 of Ontario Regulation 344/71, is further amended by adding thereto the following subsection:

(5) Every stop cock or valve installed shall be accessible for maintenance of the valve as well as operation. O. Reg. 158/73, s. 10.

11.—(1) Subsection 5 of section 46 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by striking out "and" at the end of clause *a*, inserting "and" at the end of clause *b* and adding thereto the following clause:

(c) if routed to or through an area where freezing temperature may occur, have within the warm area adjacent to the tank an indirect connection that is not more than one foot above floor level.

(2) The said section 46 is further amended by adding thereto the following subsection:

(6) No unfired pressure vessel or storage tank that is part of, or is connected directly to, a potable water distributing system shall have a rated working pressure in excess of 50 per cent of the highest test pressure sustained by the tank and it shall be equipped with a pressure relief valve of adequate capacity and setting so that the working pressure of the tank will not be exceeded by more than 5 per cent at the maximum rate of water input into the tank. O. Reg. 158/73, s. 11 (2).

12. Subsection 2 of section 49 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(2) This Part, except subsections 1 and 2 of section 55 and sections 71, 81, 82, 84, 85, subsections 1 and 3 of section 90, sections 92, 93, 94, 96, 97, 101, 102 and 104 and sections 106 to 135, both inclusive, applies to storm drainage piping. O. Reg. 158/73, s. 12.

13.—(1) Subsection 4 of section 55 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked.

(2) Subsection 7 of the said section 55 is revoked and the following substituted therefor:

(7) Fittings used with vent pipe, drainage pipe or storm drainage pipe shall be fittings manufactured for use with the vent pipe, drainage pipe or storm drainage pipe and shall either be of the same material as the pipe with which the fitting is to be used, or shall be of,

(a) copper;

(b) brass;

(c) bronze;

(d) monel;

(e) grey cast iron;

(f) malleable iron;

(g) ductile cast iron;

(h) open hearth iron;

(i) wrought iron;

(j) carbon steel;

(k) alloyed steel;

(l) stainless steel;

(m) lead;

(n) asbestos cement;

(o) concrete;

(p) vitrified clay;

(q) bituminized fibre;

(r) polyethylene;

(s) poly (vinyl chloride);

(t) acrylonitrile-butadiene-styrene;

(u) nylon;

(v) delrin;

(w) polypropylene;

(x) epoxy resin; or

(y) phenolic resin,

but no coupling or other fitting shall be less resistant to shock, impact, soil stresses or corrosion than the pipe with which it is used, and under all comparative tests the couplings, fittings and connections to the pipe shall remain watertight. O. Reg. 158/73, s. 13 (2).



14. Subsection 1 of section 60 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (1) Subject to subsection 3, each five-foot length of cast iron drainage pipe or vent pipe with a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 2 and each ten-foot length of cast iron drainage pipe or vent pipe with a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 3. O. Reg. 158/73, s. 14.
- 15.—(1) Subsection 5 of section 83 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (5) The drainage piping of a Class 3 drain shall connect to a trap that is vented in accordance with section 109 if the trap is not located in the ground or is not in a floor that is on the ground, and where Class 3 drains are arranged in a group of two or more, their drainage piping may connect to the same trap if the trap is located on the same floor as the drain. O. Reg. 158/73, s. 15 (1).
- (2) The said section 83, as amended by section 12 of Ontario Regulation 344/71, is further amended by adding thereto the following subsection:
- (13a) The grate or strainer of every floor drain shall be removable and replaceable without the removal or replacement of any grout, mortar or adhesive and shall be firmly held when in place, and whereas a grate laid in a recess shall be deemed satisfactory if there is no tendency for it to dislodge, where such a tendency exists it shall be held in place with bolts or screws that comply with subsection 4 of section 6. O. Reg. 158/73, s. 15 (2).
16. Section 91 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:
- (2) Where drainage piping is extended into a sump or manhole so that the pipe inlet or outlet may be submerged in the liquid and thereby form the required trap seal, the pipe, elbow, tee or other fitting in the sump or manhole shall be of metal, securely attached to the pipe and so located that the clear opening from the pipe fitting to the opposite side of the sump or manhole shall be not less than twelve inches. O. Reg. 158/73, s. 16 (2).
17. Subsection 3 of section 92 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (3) Where washing or dry cleaning machines or sinks, other than sinks through which food stuffs, excreta or organic substances are discharged into drainage piping, are located in the same room and are arranged in groups of two or more, the fixtures may be gang trapped. O. Reg. 158/73, s. 17.
18. Section 104 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsection:
- (3) Where a stack is offset by an amount greater than five feet perpendicular distance, the stack shall be deemed to be discontinuous and the offset shall not be deemed to be part of the stake, but instead shall be regarded as drainage pipe either horizontal or vertical as the case may be and shall be sized in accordance with the appropriate table. O. Reg. 158/73, s. 18.
19. Subsection 2 of section 105 of Regulation 647 of Revised Regulations of Ontario, 1970, as remade by section 15 of Ontario Regulation 344/71, is revoked and the following substituted therefor:
- (2) Where the soil stack, waste stack, vent stack, rain water leader or vertical waste pipe is connected to a building drain, building storm drain or branch of either, that is of a diameter larger than the stack, leader or waste pipe, then the change in diameter shall be made at or above the change in direction from vertical to horizontal. O. Reg. 158/73, s. 19.
20. Subsection 1 of section 109 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (1) Subject to subsection 4 and to section 123, where a fixture trap is a P trap, it shall have a protecting vent pipe connected to the waste pipe into which the fixture discharges within five feet of the centre of the inlet end of the P trap, and where a fixture trap is an integral trap, it shall have a protecting vent pipe connected to the waste into which the fixture discharges within five feet of the centre of the inlet end of the waste pipe, and if the waste pipe within the specified five feet horizontal distance contains a change of direction, then the developed length of the horizontal pipe between the trap inlet and the vent connection shall not exceed five feet. O. Reg. 158/73, s. 20.
21. Section 126 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
126. In buildings other than residential buildings having a stack height of forty feet or less as determined in accordance with clause c of subsection 1 of section 73, where a horizontal branch connects to a horizontal offset in a stack, the connection shall be not less than five feet downstream from the base of the vertical section of the stack that discharges into the horizontal offset. O. Reg. 158/73, s. 21.



22. Subsection 2 of section 130 of Regulation 647 of Revised Regulations of Ontario, 1970 is amended by striking out "and" at the end of subclause ii of clause *a*, inserting "and" at the end of clause *b* and adding thereto the following clause:
- (c) shall have a lower end where it is connected to the soil stack, wastes stack or building drain large enough to vent half the fixture unit loading on the soil or waste stack when calculated in accordance with subsection 6 of section 113 and in no event shall it be less than 1½ inches.
- 23.—(1) Subsections 3 and 4 of section 136 of Regulation 647 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (3) Subject to subsection 6, flashing for stacks and vent pipes shall be of copper, aluminium, alloyed zinc, lead or neoprene, and where the flashing is such that it can be replaced without injury to the roof or cladding, it may be of galvanized sheet iron.
- (4) Flashing shall be at least twenty inches in length by twenty inches in width, except that on a flat roof the flashing may be circular and the minimum radius of the outside circumference shall exceed the maximum radius of the sleeve or collar by at least four inches. O. Reg. 158/73, s. 23 (1).
- (2) Subsection 5 of the said section 136 is amended by striking out "or" at the end of clause *d*, inserting "or" at the end of clause *e* and by adding thereto the following clause:
- (f) galvanized sheet iron shall not be less than 28 gauge and shall be hot dip galvanized on both sides.
- (3) The said section 136, as amended by section 17 of Ontario Regulation 344/71, is further amended by adding thereto the following subsection:
- (7) where a sleeve flashing is used on a flat roof and there is no positive water seal between the sleeve and the stack, the sleeve shall extend at least six inches above the flood level of the roof, and where a sleeve flashing is used on a sloped roof, the shortest side of the sleeve shall extend at least six inches above the roof. O. Reg. 158/73, s. 23 (3).
- 24.—(1) Subsection 1 of section 147 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
- (1) Every waste pipe connected to a sink shall be provided with sufficient clean-outs to reach downstream each twenty feet or fraction thereof of the waste pipe. O. Reg. 158/73, s. 24 (1).
- (2) Subsection 4 of the said section 147, exclusive of the clauses, as remade by section 18 of Ontario Regulation 344/71, is revoked and the following substituted therefor:
- (4) A manhole may be used as a clean-out in any building sewer or a building storm sewer but shall be mandatory in a building sewer or building storm sewer that exceeds six inches in internal diameter and 100 feet in length and,
- (3) Clause *d* of subsection 4 of the said section 147, as remade by section 18 of Ontario Regulation 344/71, is revoked and the following substituted therefor:
- (d) there shall be no change in slope or direction of any section between manholes of a building sewer or building storm sewer nor between the building and the first manhole downstream.
25. Subsections 10, 11 and 12 of section 148 of Regulation 647 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:
- (10) All pumps that are part of a plumbing system shall be installed to operate with a positive suction head unless the pump is specifically designed to operate with a negative suction head, and where the return of water or sewage must be guarded against when the pump shuts down, a check valve shall be installed on the discharge side of the pump.
- (11) Where a pump installation is such that the discharge pipe cannot be readily drained for the purpose of maintenance, a gate valve shall be installed downstream from the pump and also downstream from the check valve, if there is a check valve, and a union type joint shall exist at some point between the pump and the gate valve.
- (12) The size of piping connected to a pump shall not be smaller than that recommended by the pump manufacturer and in no event shall the connections to the pump be smaller than,
- (a) ¾ inch Iron Pipe Size or equal for a laundry tub pump;
- (b) 1¼ inch Iron Pipe Size or equal for a sump pump; and
- (c) 1½ inch Iron Pipe Size or equal for a sewage pump;
- and a pump installed to handle sewage shall be designed to handle solids of a maximum dimension not less than 1½ inches. O. Reg. 158/73, s. 25.
26. Section 160 of Regulation 647 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

160. The pipe supply water to a fixture itemized in column 1 of Table 25 shall be of a trade size not smaller than that prescribed in column 2. O. Reg. 158/73, s. 26.

27. Subsection 2 of section 173 of Regulation 647 of Revised Regulations of Ontario, 1970, exclusive of the clauses, is revoked and the following substituted therefor:

(2) An air gap conforming to the requirements of section 43 shall be provided between, O. Reg. 158/73, s. 27.

28. Tables 6, 10, 18, 19 and 21 to Regulation 647 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

TABLE 6  
WELDED ALLOYED OPEN HEARTH IRON PIPING

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Pipe, trade size in inches	Minimum wall-thickness in inches	Minimum internal hydrostatic pres- sure for furnace butt-welded pipe in p.s.i.	Minimum internal hydrostatic pres- sure for electric- welded pipe, in p.s.i.	Minimum weight a linear foot when threaded and couplings attached in pounds	Minimum num- ber of threads in each threaded inch
1/8	.068	700	....	0.24	27
1/4	.088	700	....	0.42	18
3/8	.091	700	....	0.57	18
1/2	.109	700	....	0.85	14
3/4	.113	700	....	1.13	14
1	.133	700	....	1.68	11 1/2
1 1/4	.140	800	1,000	2.28	11 1/2
1 1/2	.145	800	1,000	2.73	11 1/2
2	.154	800	1,000	3.68	11 1/2
2 1/2	.203	800	1,000	5.82	8
3	.216	800	1,000	7.62	8
3 1/2	.226	1,200	....	9.20	8
4	.237	1,200	....	10.89	8
5	.258	1,200	....	14.81	8
6	.280	1,200	....	19.18	8
8	.322	....	1,200	28.81	8
10	.365	....	1,000	41.13	8
12	.375	....	1,000	50.71	8

O. Reg. 158/73, s. 28, *part.*

TABLE 10

ASBESTOS-CEMENT DRAINAGE PIPING

Column 1	Column 2	Column 3	Column 4	Column 5
Piping, trade size, in inches	Minimum wall-thickness, in inches	Flexural strength, minimum total load, in pounds	Maximum span, in feet	Supporting strength, minimum external 3-bearing load, in pounds
4	.22	550	9	1,500
5	.22	900	9	1,500
6	.22	1,290	9	1,500
8	.35	4,300	12	1,500
10	.37	....	....	1,500
12	.41	....	....	1,500
14	.41	....	....	1,500
16	.45	....	....	1,500
18	.48	....	....	2,400
20	.52	....	....	2,400
24	.58	....	....	2,400

O. Reg. 158/73, s. 28, *part.*

TABLE 18

MINIMUM SIZES OF TRAPS AND OUTLET-  
CONNECTIONS FOR FIXTURES

Column 1	Column 2
Fixture	Minimum trade size of trap and fixture- outlet connection in inches
Bath tub with or without overhead shower.....	1 ½
Beer cabinet.....	1 ½
Bedpan Washer.....	3
Bidet.....	1 ¼
Combination of sink and laundry tray	1 ½
Cuspidor or dental unit.....	1 ¼
Dental lavatory.....	1 ¼
Dish washer, domestic type.....	1 ½
Drinking fountain.....	1 ¼
Floor drain.....	2
Two or three compartment laundry tray.....	1 ½
Refrigerator.....	1 ¼

Shower stall.....	1 ½
Sinks	
(a) flushing rim with valve.....	3
(b) kitchen, domestic type.....	1 ½
(c) pot, scullery.....	1 ½
(d) service, with P-trap.....	2
(e) service, with trap-standard...	3
(f) surgeon's.....	1 ½
Urinals	
(a) Pedestal.....	3
(b) stall, blow-out or siphon jet..	2
(c) Wall hung.....	1 ½
Wash basin.....	1 ¼
Wash sink, circular or multiple....	1 ½
Water-closet.....	3
Beer Dispenser.....	1 ½
Dead fish tank.....	1 ½
Domestic washing machine.....	1 ½
Dish Washer commercial.....	2
Potato and vegetable washer and peeler.....	2
Glass washer commercial.....	1 ½
Three compartment bar sink.....	1 ½
Chinese range.....	1 ½
Garbage can washer.....	1 ½
Garbage chute.....	2
Wet clothes chute.....	2
Sauna bath.....	1 ½

O. Reg. 158/73, s. 28, *part.*



TABLE 19

SIZES OF HORIZONTAL BRANCHES

Column 1	Column 2
Branch piping, trade size, in inches	Maximum load, in fixture-units
1¼	2
1½	4
2	6
2½	12
3	30
4	160
5	360
6	620
8	1,400
10	2,500
12	3,900
15	7,000

O. Reg. 158/73, s. 28, *part.*

TABLE 21

SIZE OF PIPING FOR TRAP VENTS

Column 1	Column 2
Trap, trade size, in inches	Vent pipe, trade size, in inches
1¼	1¼
1½	1¼
2	1½
2½	1½
3	1½
4	1½
5	2
6	2
over 6	3

O. Reg. 158/73, s. 28, *part.*

J. A. C. AULD  
*Minister of the Environment*

Dated at Toronto, this 1st day of March, 1973.

(5166)

14

THE HIGHWAY TRAFFIC ACT

O. Reg. 159/73.  
Speed Limits.  
Made—March 21st, 1973.  
Filed—March 23rd, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1. Schedule 12 to Regulation 429 of Revised  
Regulations of Ontario, 1970 is revoked.

(5167)

14



# Publications Under The Regulations Act

April 14th, 1973

## THE LAW SOCIETY ACT

### O. Reg. 160/73.

Admission of Members, General.

Made—April 21st, 1972.

Approved—March 21st, 1973.

Filed—March 26th, 1973.

## REGULATION MADE UNDER THE LAW SOCIETY ACT

1. Sections 1 to 8 of Regulation 556 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

### ADMISSION OF MEMBERS

#### GENERAL

1.—(1) An applicant who is entitled to be called to the bar and admitted as a solicitor may be called and admitted on any Convocation day.

(2) No person shall be called to the bar as a barrister only or admitted as a solicitor only, but all applicants for admission to membership in the Society, other than student membership, shall qualify both for call to the bar as a barrister and admission as a solicitor and be called to the bar as a barrister and admitted as a solicitor on the same day. O. Reg. 160/73, s. 1, *part*.

### ADMISSION THROUGH THE BAR ADMISSION COURSE

2. An applicant who has fulfilled the requirements of the Act and who presents a certificate of successful completion of the Bar Admission Course may be called to the bar and admitted as a solicitor. O. Reg. 160/73, s. 1, *part*.

### ADMISSION BY TRANSFER

#### INTERPRETATION

3.—(1) In section 4, "active practice of law" in a common law province or territory of Canada includes service in a legal capacity with a department or agency of the Government of Canada in any part of Canada or with the Judge Advocate General's Branch of the Canadian Armed Forces.

- (2) In this section and in sections 4 and 5,

- (a) "applicant" means an applicant for call to the bar and admission as a solicitor and "application" has a corresponding meaning;
- (b) "certificate of good standing" means a certificate of the law society or equivalent body having the power to make such a certificate in the jurisdiction in which the applicant claims the right to practise at the time of his application and from which he desires to transfer showing,

- (i) that he is in good standing with that society or body, and

- (ii) that no charge is pending against him in respect of alleged conduct for which he could be struck off the rolls or suspended from practice or otherwise disciplined and if there has been previous disciplinary action that resulted in the applicant having been struck off the rolls or suspended from practice or otherwise disciplined, the certificate shall so state, giving particulars;

- (c) "Committee" means the Admissions Committee. O. Reg. 160/73, s. 1, *part*.

### FROM JURISDICTION WITHIN CANADA

4.—(1) Upon the recommendation of the Committee, an applicant may be called to the bar and admitted as a solicitor who,

- (a) has been engaged in the active practice of law in one or more common law provinces or territories of Canada for a period or periods totalling at least three years within the five year period immediately preceding his application;
- (b) files a certificate of good standing;
- (c) passes the prescribed examinations on the statutes of Ontario and procedure in Ontario; and
- (d) presents evidence of the time or times during which and the place or places where he has been engaged in the active practice of law.



(2) Upon the recommendation of the Committee, an applicant may be called to the bar and admitted as a solicitor who,

- (a) has been engaged in the active practice of law in the Province of Quebec for a period or periods totalling at least three years within the five year period immediately preceding his application;
- (b) files a certificate of good standing;
- (c) presents evidence of the time or times during which and the place or places where he has been engaged in the active practice of law;
- (d) passes a comprehensive examination on the common law of Ontario; and
- (e) passes the prescribed examinations on the statutes of Ontario and procedure in Ontario.

(3) Upon the recommendation of the Committee, an applicant who has been engaged in the active practice of law in the Province of Quebec,

- (a) may be admitted to the Society as a student member in the Bar Admission Course upon,
  - (i) filing a certificate of good standing, and
  - (ii) successfully completing a one year conversion course in common law; and
- (b) may be called to the bar and admitted as a solicitor upon successfully completing the Bar Admission Course. O. Reg. 160/73, s. 1, *part*.

#### FROM JURISDICTIONS OUTSIDE CANADA

5.—(1) Upon the recommendation of the Committee, an applicant,

- (a) may be admitted to the Society as a student member in the Bar Admission Course upon,
  - (i) presenting evidence that he has been engaged in the active practice of law for a period or periods totalling at least three years within the five year period immediately preceding the filing of his application in a jurisdiction that has established customs, practices and usages in respect of the practice of law that are the same or substantially the same as in Ontario,

- (ii) filing a certificate of good standing,
- (iii) presenting proof of educational attainments equal to graduation from a law course in a university in Canada which is approved by Convocation,
- (iv) presenting evidence that he is a Canadian citizen or other British subject, and
- (v) passing a comprehensive examination in common law; and

(b) may be called to the bar and admitted as a solicitor upon successfully completing the Bar Admission Course.

(2) An applicant who applies under subsection 1 and who,

- (a) is a solicitor entitled to practise in England, Northern Ireland or the Republic of Ireland (Eire);
- (b) has been called to the bar and admitted as a solicitor in Australia or New Zealand;
- (c) is enrolled as a law agent in Scotland; or
- (d) has practised at the bar of England, Scotland, Northern Ireland or the Republic of Ireland (Eire) continuously for a period of at least five years immediately preceding the filing of his written application,

shall be considered to have educational attainments equal to graduation from a law course in a university in Canada which is approved by Convocation. O. Reg. 160/73, s. 1, *part*.

2. Subsection 6 of section 26 of Regulation 556 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(6) The qualifications for admission to the Bar Admission Course for an applicant for transfer from a jurisdiction outside Ontario are those prescribed by subsection 3 of section 4 or subsection 1 of section 5, as the case may be. O. Reg. 160/73, s. 2.

Made by Convocation on the 21st day of April, 1972.

#### THE LAW SOCIETY OF UPPER CANADA:

SYDNEY L. ROBINS  
*Treasurer*

KENNETH JARVIS  
*Secretary*

## THE FARM PRODUCTS MARKETING ACT

### O. Reg. 161/73.

Soya-Beans—Marketing.

Made—March 23rd, 1973.

Filed—March 26th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1. Section 16 of Regulation 335 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

16.—(1) The Arbitration Board shall be composed of five members.

(2) Two members may be appointed by the six members of the negotiating agency appointed by the local board, one member may be appointed by the three members of the negotiating agency appointed by the dealers and one member may be appointed by the three members of the negotiating agency appointed by the processors.

(3) Where four members are appointed to the Arbitration Board in accordance with subsection 2, the four members so appointed may appoint a fifth member as chairman of the Arbitration Board but where the four members fail to agree on the fifth member within seven days after the Board was notified under subsection 2 of section 15, or the 15th day of September, as the case may be, the Board shall appoint the fifth member as chairman of the Arbitration Board.

(4) Where any of the persons authorized under subsection 2 to appoint a member to the Arbitration Board fail to appoint a member to the Arbitration Board in accordance with subsection 2 within seven days after the Board was notified under subsection 2 of section 15, or the 15th day of September, as the case may be, the Board may appoint such members as are necessary to complete the Arbitration Board.

(5) The Board shall submit to the Arbitration Board any statement or statements of the matters in dispute received from the negotiating agency under subsection 3 of section 15.

(6) In carrying out its duties the arbitration Board may sit in panels.

(7) Where the Arbitration Board sits in panels, a panel shall be composed of,

(a) the chairman, a member representing the local board and a member representing the dealers; or

(b) the chairman, a member representing the local board and a member representing the processors.

(8) Where a panel of the Arbitration Board is sitting, those persons who are members of the Arbitration Board and are not members of the panel may attend the sitting as observers only.

(9) The Arbitration Board, as a whole, shall be seized of those matters that the negotiating agency has agreed shall be determined by the Arbitration Board, as a whole, or, where the negotiating agency has failed to agree, shall be seized of those matters that the chairman directs shall be determined by the Arbitration Board as a whole.

(10) The panel referred to in clause *a* of subsection 7 shall be seized of those matters that the negotiating agency has agreed shall be determined by it or, where the negotiating agency has failed to agree, shall be seized of those matters that the chairman directs shall be determined by it.

(11) The panel referred to in clause *b* of subsection 7 shall be seized of those matters that the negotiating agency has agreed shall be determined by it or, where the negotiating agency has failed to agree, shall be seized of those matters that the chairman directs shall be determined by it.

(12) The Arbitration Board and the panels thereof shall meet as soon as may be practicable after the appointment of the members of the Arbitration Board and shall make an award or awards in respect of the matters of which they are respectively seized and that are,

(a) matters that have been referred to the Arbitration Board; or

(b) all matters that the negotiating agency is empowered to adopt or settle by agreement,

as the case may be.

(13) An award made by a panel of the Arbitration Board shall be deemed, for all purposes, to be an award made by the Arbitration Board. O. Reg. 161/73, s. 1.

THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 23rd day of March, 1973.



### THE FARM PRODUCTS MARKETING ACT

#### O. Reg. 162/73.

Tobacco—Marketing.

Made—March 23rd, 1973.

Filed—March 26th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

- Sections 11 and 12 of Regulation 341 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

11.—(1) There shall be a negotiating agency to be known as the "Negotiating Committee for Tobacco" composed of such persons who are members of the negotiating agency under subsection 2.

(2) The Negotiating Committee for Tobacco shall be comprised as follows:

- Not more than two members appointed by Benson & Hedges Tobacco Co.
- Not more than two members appointed by Imperial Tobacco Products Ltd.
- Not more than two members appointed by Macdonald Tobacco Inc.
- Not more than two members appointed by Rothmans of Pall Mall Canada Ltd.
- The members of the local board.

(3) The persons entitled to appoint members under subsection 2 shall appoint the members and shall notify the Board of the members' names and addresses,

(a) in the year 1973,

(i) prior to the 15th day of April, and

(ii) after the 1st day of September and prior to the 1st day of October; and

(b) in the year 1974 and every year thereafter, prior to the 1st day of October.

(4) The persons who are members of the Negotiating Committee for Tobacco under subsection 2 remain members thereof until their successors become members.

(5) Where a member of the Negotiating Committee for Tobacco appointed under paragraphs 1 to 4 of subsection 2, dies or resigns or is unavailable to act prior to the expiration of his membership the person who appointed him shall appoint a person

for the unexpired term of such member. O. Reg. 162/73, s. 1, *part*.

12. The Negotiating Committee for Tobacco is empowered to adopt or settle by agreement,

(a) minimum prices for tobacco;

(b) terms and conditions relating to the marketing of tobacco; and

(c) any charges relating to the marketing of tobacco. O. Reg. 162/73, s. 1, *part*.

- Sections 16 and 17 of Regulation 341 of Revised Regulations of Ontario, 1970 are revoked.

### THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON

*Chairman*

WILLIAM V. DOYLE

*Secretary*

Dated at Toronto, this 23rd day of March, 1973.

(5187)

15

### THE FARM PRODUCTS MARKETING ACT

#### O. Reg. 163/73.

Turkeys—Plan.

Made—March 21st, 1973.

Filed—March 26th, 1973.

### REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

- Clauses *d* and *e* of section 2 of the Schedule to Regulation 342 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(d) "producer" means a person engaged in the production of turkeys;

(e) "turkey" means a turkey or any class or part thereof.

- Section 3 of the Schedule to Regulation 342 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

3. This plan provides for the control and regulation in any or all respects of the marketing within Ontario of turkeys, including the prohibition of such marketing in whole or in part. O. Reg. 163/73, s. 2.

(5188)

15



## THE FARM PRODUCTS MARKETING ACT

### O. Reg. 164/73.

Turkeys—Marketing.

Made—March 9th, 1973.

Filed—March 26th, 1973.

## REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1. Clauses *f* and *g* of section 1 of Regulation 343 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(*f*) "producer" means a person engaged in the production of turkeys;

(*g*) "turkey" means a turkey or any class or part thereof.

2. Section 2 of Regulation 343 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

2. This Regulation provides for the control and regulation in any or all respects of the marketing within Ontario of turkeys, including the prohibition of such marketing in whole or in part. O. Reg. 164/73, s. 2.

3. Section 8 of Regulation 343 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

8. The Board delegates to the local board the power,

(*a*) to require persons engaged in producing or marketing turkeys to register their names, addresses and occupations with the local board;

(*b*) to require persons engaged in producing or marketing turkeys to furnish such information relating to the production or marketing of turkeys, including the completing and filing of returns, as the local board determines;

(*c*) to appoint persons to inspect the books, records, documents, lands and premises and any turkeys of persons engaged in producing or marketing turkeys;

(*d*) to stimulate, increase and improve the marketing of turkeys by such means as it considers proper;

(*e*) to co-operate with a marketing board, local board, marketing commission or marketing agency of Canada or of any province in Canada for the purpose of marketing turkeys;

(*f*) to do such acts and make such orders and issue such directions as are necessary to enforce the due observance and carrying out of the provisions of the Act, the regulations or the plan. O. Reg. 164/73, s. 3.

- 4.—(1) Clauses *a* and *b* of section 9 of Regulation 343 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(*a*) providing for the licensing of any or all persons before commencing or continuing to engage in the producing or marketing of turkeys;

(*b*) prohibiting persons from engaging in the producing or marketing of turkeys except under the authority of a licence;

- 2) Clause *e* of the said section 9, as remade by section 1 of Ontario Regulation 434/72, is revoked and the following substituted therefor:

(*e*) subject to section 10, providing for the fixing of licence fees, not exceeding one-eighth of a cent for each pound live weight of turkeys produced and used for processing, payable yearly, half-yearly, quarterly or monthly at different amounts or in instalments from any or all persons producing or marketing turkeys and the collecting of the licence fees and the recovering of such licence fees by suit in a court of competent jurisdiction.

## THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON

*Chairman*

WILLIAM V. DOYLE

*Secretary*

Dated at Toronto, this 9th day of March, 1973.

(5189)

15

## THE POWER COMMISSION ACT

### O. Reg. 165/73.

Pension and Insurance Plan.

Made—February 28th, 1973.

Approved—March 21st, 1973.

Filed—March 26th, 1973.

## REGULATION MADE UNDER THE POWER COMMISSION ACT

1. Clause *d* of section 1 of Regulation 685 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(d) Canada Pension Plan means the Canada Pension Plan, Revised Statutes of Canada, 1970, ch. C-5, as the same may be amended from time to time and may also include a similar pension plan administered by any province of Canada.

2. Regulation 685 of Revised Regulations of Ontario, 1970, as amended by Ontario Regulations 22/71, 135/71 and 70/72, is further amended by adding thereto the following section:

24a.—(1) In this section "employer" means the Commission or any other employer for the benefit of whose employees there is an established superannuation, retirement or pension fund or plan administered in accordance with *The Pension Benefits Act* (Ontario) or a law of Canada or another province substantially similar to that Act, and includes the administrator of any such fund or plan.

(2) The Commission may enter into a reciprocal transfer agreement with any other employer to provide for the transfer of lump sums representing pension entitlements from or to the fund in accordance with this section.

(3) If a reciprocal transfer agreement entered into pursuant to subsection 2 so provides, and notwithstanding the provisions of sections 23 and 24, a member or an employee of the other employer who terminates or has terminated his employment with the Commission or the other employer for the purpose of assuming employment with the other, may request a transfer from or to the fund, as the case may be, of an amount determined in accordance with the reciprocal transfer agreement subject to the following conditions:

1. No interval exceeding three months exists between the date of termination of the transferee's employment with the previous employer and assumption by the transferee of employment with the subsequent employer.
2. No return of contributions in accordance with the provisions of the previous employer's pension fund or plan relating to termination of employment is received by the transferee in lieu of all or any part of his pension entitlement.
3. A request to transfer and a release satisfactory in form to the previous employer is executed by the transferee.

(4) Where a member to whom a reciprocal transfer agreement applies requests the transfer of a lump sum in accordance with subsection 3, the Commission shall transfer to the subsequent employer such an amount as is agreed to in the reciprocal transfer agreement.

(5) Subject to any election a member may make in accordance with Part III upon termination of employment, the transfer of a lump sum made in accordance with subsection 4 shall release the Commission from any obligation to provide for or pay any benefit to the member, his beneficiaries or estate pursuant to this Regulation.

(6) Where a lump sum is transferred to the fund on behalf of a member who has transferred his employment to the Commission from an employer who has entered a reciprocal transfer agreement with the Commission, the member is entitled to such credit in the Plan for his services with the previous employer as is determined in accordance with the reciprocal transfer agreement. O. Reg. 165/73, s. 2.

THE HYDRO-ELECTRIC POWER  
COMMISSION OF ONTARIO:

GEORGE E. GATHERCOLE  
*Chairman*

E. B. EASSON  
*Secretary*

Dated at Toronto, this 28th day of February, 1973.

(5190)

15

## THE ELDERLY PERSONS CENTRES ACT

O. Reg. 166/73.

General.

Made—March 21st, 1973.

Filed—March 27th, 1973.

### REGULATION MADE UNDER THE ELDERLY PERSONS CENTRES ACT

1. Schedule 1 to Regulation 235 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following items:

7a. Hamilton Jewish Communal Projects

20. WoodGreen Towers Services Inc.

- 2.—(1) Item 8a of Schedule 2 to Regulation 235 of Revised Regulations of Ontario, 1970, as made by subsection 2 of section 2 of Ontario Regulation 346/72, is renumbered as 8b.

- (2) The said Schedule 2 is amended by adding thereto the following item:

8a. Jewish Social Services Day Care Centre,  
57 Delaware Street,  
Hamilton

(5191)

15

## THE INSURANCE ACT

## O. Reg. 167/73.

Order Under Paragraph 1 of Subsection 2 of Section 83 of the Act.

Made—March 21st, 1973.

Filed—March 27th, 1973.

## REGULATION MADE UNDER THE INSURANCE ACT

1.—(1) The Schedule to Ontario Regulation 221/71 is amended by adding thereto the following items:

14	The Empire Life Insurance Company	6.¾ % *	Group Deposit Administration Policies with respect to premiums accepted on or after January 1, 1972 and prior to January 1, 1973.
15	The Empire Life Insurance Company	6.¾ % *	Proceeds on deposit accepted on or after January 1, 1972 and prior to January 1, 1973.
16	The Empire Life Insurance Company	6.¾ % *	Settlement Annuities not involving life contingencies vesting on or after January 1, 1972 and prior to January 1, 1973.
17	The Empire Life Insurance Company	6.¼ %	Group non-participating Immediate Annuities with respect to premiums accepted on or after January 1, 1972 and prior to January 1, 1973.
18	The Empire Life Insurance Company	6.¼ %	Ordinary non-participating Immediate Annuities with respect to premiums accepted on or after January 1, 1972 and prior to January 1, 1973.

(2) The said Schedule is amended by adding thereto the following Note:

\*NOTE: This increased rate of interest to be assumed in the first five years of the period during which the interest rate guarantee applies, reducing by 1% in each successive five years but not to be less than 4% per annum.



# THE POWER COMMISSION ACT

## O. Reg. 168/73.

Electrical Safety Code.

Made—February 7th, 1973.

Approved—March 21st, 1973.

Filed—March 27th, 1973.

## REGULATION MADE UNDER THE POWER COMMISSION ACT

### ELECTRICAL SAFETY CODE

#### SECTION 0—INTERPRETATION

##### 0-002 In this Code:

1. "acceptable" means acceptable to an inspector;
2. "accessible" when applied to wiring methods means that the wiring is not permanently closed in by the structure or finish of a building, and is capable of being removed without disturbing the building structure or finish;
3. "accessible" when applied to electrical equipment means that the equipment may be closely approached because it is not guarded by locked doors, elevation, or other effective means;
4. "alive" or "live" means electrically connected to a source of potential difference, or electrically charged so as to have a potential different from that of the earth; and in this Code "current-carrying" has the same meaning where the intention is clear;
5. "aluminum-sheathed cable" means a cable consisting of one or more conductors of approved type assembled into a core and covered with a liquid- and gas-tight sheath of aluminum or aluminum alloy;
6. "ampacity" means current-carrying capacity expressed in amperes;
7. "approved" means authorized or approved in accordance with the Code;
8. "approved fire-door" means a fire-door including the hardware which has been approved and labelled by the Underwriters' Laboratories of Canada or Underwriters' Laboratories Incorporated, for the location in which it is used;
9. "armour" means a wrapping of galvanized interlocking steel strip or other approved metal, forming an integral part of the assembly of certain insulated cables, wires, or cords;
10. "armoured-cable" means a cable provided with a wrapping of metal tape other than lead, which wrapping forms an integral part of the assembly;
11. "authorized person" means a qualified person who by the nature of his duties or occupation is obliged to approach or handle electrical equipment, or a person who, having been warned of the hazards involved, has been instructed or authorized to do so by someone having authority to give the instruction or authorization;
12. "auxiliary gutter" means a raceway consisting of a sheet metal enclosure used to supplement the wiring space of electrical equipment and to enclose interconnecting conductors;
13. "AWG" means the American (or Brown and Sharpe) wire gauge as applied to non-ferrous conductors and non-ferrous sheet metal;
14. "bath-room" means a room in a building which contains a bath-tub or a shower or both;
15. "branch circuit" means that part of a circuit extending beyond the final overcurrent devices in the circuit;
16. "building" means a structure that stands alone or which is cut off from adjoining structures by unpierced fire-walls or by openings protected by approved fire-doors;
17. "bus" means a conductor which serves as a common connection for the corresponding conductors of two or more circuits;
18. "busway" means a raceway consisting of a system of metal troughing, including its elbows, tees, crosses and straight runs, containing conductors supported on insulators;
19. "cabinet" means an enclosure of adequate mechanical strength, composed entirely of fire- and absorption-resistant material, designed either for surface or flush mounting and provided with a frame, matt, or trim, in which swinging doors are hung;
20. "cabletrough" means a raceway consisting of a system of metal troughing, and fittings therefor, so formed and constructed that insulated conductors and cables may be readily installed or removed after the system has been completely installed, without injury either to conductors or their covering; and

- (a) "ladder cabletrough" means a cabletrough with openings exceeding 2 inches in a longitudinal direction;
  - (b) "non-ventilated cabletrough" means a cabletrough in which there are no ventilating openings in the bottom or sides;
  - (c) "ventilated cabletrough" means a cabletrough having adequate ventilating openings with no opening exceeding 2 inches in a longitudinal direction;
21. "cell" means a single, enclosed tubular space in a cellular metal or concrete floor member, the axis of the space being parallel to the axis of the metal or concrete floor member;
  22. "cellular" when applied to a metal or concrete floor or part thereof means that the metal or concrete floor or part thereof is so constructed as to contain one or more cells;
  23. "cellular floor raceway" means a raceway consisting of cells of cellular concrete or metal floors which, with fittings, may be approved as enclosures for electrical conductors;
  24. "circuit" means a path usually of metal through which electric current can flow;
  25. "circuit-breaker" means an electro-mechanical device designed to automatically open a current-carrying circuit on a pre-determined over-current, under both overload and short-circuit conditions without injury to the device;
  26. "communication circuit" means a circuit which is part of a communication system;
  27. "communication system" means an electrical system whereby intelligence signals may be transmitted to or through a central station, including telephone, telegraph, district messenger, fire and burglar alarm, watchman or sprinkler supervisory-system, and other central station systems, which commonly receive the power supply necessary for their operation from central office or local power sources, but does not include radio communication equipment;
  28. "concealed" means rendered permanently inaccessible by the structure or finish of a building;
  29. "conductor" means a wire, cable or other form of metal installed for the purpose of conveying electric current from one piece of electrical equipment to another or to ground;
  30. "conduit" means a raceway of circular cross-section into which it is intended that conductors be drawn, and includes metallic and non-metallic rigid conduit and flexible conduit; and,
    - (a) "rigid conduit" means a rigid conduit of metallic or non-metallic material;
    - (b) "rigid metal conduit" means a rigid conduit of metallic material having the same dimensions as standard pipe and suitable for threading with standard pipe thread;
  - (c) "rigid non-metallic conduit" means a rigid conduit of non-metallic material which may not be threaded;
  - (d) "rigid PVC conduit" means a rigid non-metallic conduit of unplasticized polyvinyl chloride;
  - (e) "rigid Type I non-metallic conduit" means a rigid non-metallic conduit of bituminized fibre or asbestos cement which requires to be encased in concrete;
  - (f) "rigid Type II non-metallic conduit" means a rigid non-metallic conduit of bituminized fibre or asbestos cement of heavier construction than Type I, which does not require to be encased in concrete;
  - (g) "flexible conduit" means a conduit of metallic material which may be easily bent without the use of tools;
  - (h) "liquid-tight flexible metal conduit" means a flexible metal conduit having an outer liquid-tight jacket;
  31. "connection authorization" means written permission by the inspection department to a supply authority, or any other person or corporation, to supply electric energy to a particular electrical installation;
  32. "connector",
    - (a) box connector means a device for securing a cable, via its sheath or armour, where it enters an enclosure such as an outlet box;
    - (b) wire connector means a device which connects two or more conductors together or one or more conductors to a terminal point for the purpose of connecting electrical circuits;
  33. "contractor" means any person who as principal, servant or agent, by himself or his associates, employees, servants or agents performs or engages to perform either for his own use and benefit or for that of another and for or without remuneration or gain any work with respect to any electrical installation or any other work to which this Code applies;
  34. "cord set" means a length of flexible cord or power supply cable with an attachment plug connected to one end of it and a cord connector connected to its other end;
  35. "cut out box" means an enclosure of adequate mechanical strength, composed entirely of fire-resistant and absorption-resistant material, designed for surface mounting and having swinging doors or covers secured directly to, and telescoping with, the walls of the box proper;
  36. "dead" when applied to electrical equipment means that the current-carrying electrical equipment is free from any electrical connection to a source of potential difference and from electrical charge or has not a potential different from that of earth;
  37. "dead front" when applied to electrical equipment means that the electrical equipment is so constructed that all live parts, except the wells



- for plug fuses in panelboards and in enclosed branch-circuit cut-outs, are enclosed in such manner as to be inaccessible;
38. "different systems" means systems which derive their energy from different transformers or from different banks of transformers or from different generators or other sources;
  39. "disconnecting means" means a device, group of devices, or other means whereby the conductors of a circuit can be disconnected from their source of supply;
  40. "dust-tight" means an enclosure constructed so that dust cannot enter it;
  41. "duty" means a requirement of service that specifies the degree of regularity of the load; and,
    - (a) "continuous duty" means a requirement of service that demands operation at a substantially constant load for an indefinitely long time;
    - (b) "short time duty" means a requirement of service that demands operation at a substantially constant load for a short and definitely specified time;
    - (c) "intermittent duty" means a requirement of service that demands operation for definitely specified alternate intervals of,
      - (i) load and no load,
      - (ii) load and rest, or
      - (iii) load, no load and rest;
    - (d) "periodic duty" means a type of intermittent duty in which the load conditions are regularly recurrent;
    - (e) "varying duty" means a requirement of service that demands operation at loads and for intervals of time, both of which may be subject to wide variation;
  42. "electric elevator" means an elevator in which the motion of the car or platform is obtained through an electric motor applied directly to the elevator machinery;
  43. "electrical controller" means that electrical equipment which is designed to control or to regulate the input of electric power to any other electrical equipment to which it is connected;
  44. "electrical equipment" means any apparatus, appliance, device, instrument, fitting, fixture, machinery, material or thing used in or for, or capable of being used in or for, the generation, transformation, transmission, distribution, supply, or utilization of electric power or energy, and without restricting the generality of the foregoing, includes any assemblage or combination of materials or things which is used, or is capable of being used, or adapted to serve or perform any particular purpose or function when connected to an electrical installation, notwithstanding that any of such materials or things are mechanical, metallic or non-metallic in origin;
  45. "electrical installation" means a system or part of a system of wiring installed or to be installed in or upon any land, building or premises from the point or points of delivery of electrical power or energy therein or thereon, up to the point or points where the power or energy can be consumed or used therein or thereon by any electrical equipment, and the expressions "work on an electrical installation" or "make an electrical installation" include the installation, maintenance, alteration, extension and repair of the wiring and the connection of the wiring with any of the electrical equipment or with any other part of the wiring system;
  46. "electrical metallic tubing" means a metal raceway into which it is intended that conductors shall be drawn, and which has a circular cross-section, a wall thinner than that of rigid metal conduit and an outside diameter sufficiently different from that of rigid conduit to render it impracticable for threading it with standard pipe-thread;
  47. "electrical room" means a room that is intended for the exclusive installation of electrical equipment;
  48. "elevator" means a hoisting and lowering mechanism equipped with a car or platform which moves in guides in a substantially vertical direction but not including tiering-machines or piling-machines which operate within one storey, or endless belts, conveyors, chains, buckets or similar devices used for the purpose of elevating materials;
  49. "elevator machinery" means the machinery and its equipment used in raising and lowering the elevator car or platform;
  50. "emergency and exit lights" means all lights required by law for the purpose of facilitating safe exit in case of fire or other emergency;
  51. "enclosure" means a protective housing for switchgear, switches, air circuit breakers, panelboards, industrial control equipment and similar apparatus; and
    - (a) "enclosure 1" means a general purpose enclosure of metal or other suitable material, designed to protect live parts from accidental contact, which is suitable for use indoors in ordinary locations;
    - (b) "enclosure 2" means a drip-tight enclosure similar to an enclosure 1 but constructed or protected by the addition of dripshields or their equivalent capable of preventing moisture or dirt from accumulating on the enclosure and which is suitable for use indoors where the enclosure may be subject to falling moisture or dirt;
    - (c) "enclosure 3" means a weatherproof enclosure constructed or protected so that exposure of the enclosure to weather, falling moisture or external splashing will not impair the effectiveness of the enclosed equipment and which is suitable for use outdoors;



- (d) "enclosure 4" means a watertight enclosure constructed so that a direct stream of water from a hose cannot penetrate into the enclosure and which is suitable for use where the enclosure may be subject to direct streams of water;
- (e) "enclosure 5" means a dust-tight enclosure constructed so that dust, readily ignitable fibres or combustible flyings can not penetrate into the enclosure and which is suitable for use indoors in Class III hazardous locations or where the atmosphere may contain a substantial quantity of non-hazardous dust.
52. "explosion-proof" means enclosed in a case which is capable of withstanding without damage an explosion which may occur within it of a specified gas or vapour and which is also capable of preventing the ignition of a specified gas or vapour surrounding the enclosure from sparks, flashes or explosion of the specified gas or vapour within the enclosure;
53. "exposed" as applied to live parts means that a live part can be inadvertently touched or approached more closely than is safe by any person and the term is applied to parts not suitably guarded, isolated or insulated;
54. "exposed" as applied to wiring methods means not concealed;
55. "extra-low-voltage power circuit" means a circuit, such as valve operator and similar circuits, which is neither a remote control circuit nor a signal circuit, but which operates at not more than 30 volts and which is supplied from a transformer or other device restricted in its rated output to 1,000 volt-amperes and approved for the purpose, but in which the current is not limited in accordance with the requirements for a Class 2 circuit;
56. "feeder" means a conductor or group of conductors which transmits electrical energy from a service supply, transformer, switchboard, distribution centre, generator, or other source of supply to the branch-circuit over-current devices;
57. "fire resisting" as applied to buildings means constructed of masonry, reinforced concrete, or equivalent materials in accordance with the requirements of the fire underwriters;
58. "flame-retardant" when applied to a material means that the material will not burn for more than a specified period of time and will not permit flame to travel or extend beyond a specified distance;
59. "flammable" means capable of being easily set on fire;
60. "flexible tubing" means flexible non-metallic tubing commonly known as loom for the mechanical protection of insulated wires;
61. "garage" means a building or portion of a building in which one or more self-propelled vehicles carrying volatile, flammable liquid for fuel or power are kept;
62. "ground" means a connection to earth of electrical equipment by means of a ground electrode;
63. "ground electrode" means a metallic water-piping system, or a metallic object or device buried in, or driven into, the earth so as to make intimate contact therewith, to which a grounding conductor is electrically and mechanically connected;
64. "ground fault circuit interrupter" means a device which will interrupt, within a predetermined time, the electrical circuit to the load when a current to ground exceeds some predetermined value that is less than that required to operate the overcurrent protective device of the supply circuit;
- "ground fault circuit interrupter class A" means the device which will interrupt the circuit to the load when the effective ground fault current is 5 RMS milliamperes or more in a time:
- (a) not greater than that calculated in accordance with the equation
- $$T = \left( \frac{20}{I} \right)^{1.43}$$
- Where T is the time in seconds, and I is the effective ground fault current in RMS milliamperes within the range of 5 and 260 RMS milliamperes;
- and
- (b) not greater than 25 milliseconds for ground fault currents of over 260 RMS milliamperes;
- and which will interrupt the circuit to the load in accordance with the foregoing requirements in the event that the neutral conductor should become grounded between the ground fault circuit interrupter and the load;
65. "grounded" means connected effectually with the general mass of the earth through a grounding system of sufficiently low impedance and having current-carrying capacity sufficient at all times, under the most severe conditions which are likely to arise in practice, to prevent any current in the grounding conductor from causing a harmful voltage to exist;
- (a) between the grounding conductors and neighboring exposed conducting surfaces which are in good contact with the earth; or
- (b) between the grounding conductors and neighboring surfaces of the earth itself;
66. "grounding conductor" means a path of copper or other suitable metal specially arranged as a means whereby electrical equipment is electrically connected to a ground electrode;
67. "grounding system" means all conductors, clamps, ground clips, ground plates or pipes, and ground electrodes by means of which electrical equipment or an electrical installation is grounded;
68. "guarded" when applied to electrical equipment means that the electrical equipment is

so covered, shielded, fenced, enclosed, or otherwise protected by means of suitable covers, casings, barriers, rails, screens, mats or platforms as to remove the likelihood of dangerous contact or approach by persons or objects;

69. "header" means a transverse raceway for electrical conductors, providing access to predetermined cells of a cellular metal or concrete floor permitting the installation of conductors from a distribution centre to the cells;
70. "hoistway" means a shaftway, hatchway, well hole, or other vertical opening or space in which an elevator, escalator or dumb-waiter operates or is intended to operate;
71. "identified" when applied to a conductor means that the conductor has a white or natural gray covering or has, where approved, a raised longitudinal ridge or ridges on the surface of the extruded covering indicating that the conductor is a grounded conductor, and when applied to other electrical equipment means that the terminals to which grounded conductors are to be connected have been distinguished for identification by being tinned, nickel-plated or otherwise suitably marked;
72. "inaccessible" when applied to a room or compartment means that the room or compartment is sufficiently remote from access or so placed or guarded that unauthorized persons cannot inadvertently enter the room or compartment, and when applied to electrical equipment means that the electrical equipment is covered by the structure or finish of the building in which it is installed or maintained or is sufficiently remote from access or so placed or guarded that unauthorized persons cannot inadvertently touch or interfere with the equipment;
73. "industrial establishment" means a building or part of a building in which any manufacturing process, assembling or handling of materials in connection with the manufacturing, preparing, treating or finishing of any goods or products, is carried on;
74. "inspection department" means The Hydro-Electric Power Commission of Ontario;
75. "inspector" means any person duly appointed by the inspection department for the purpose of enforcing this Code;
76. "insulated" means separated from other conducting surfaces by a dielectric material or air space having a degree of resistance to the passage of current and to disruptive discharge sufficiently high for the condition of use;
77. "insulating" as applied to non-conducting substances means that they are capable of bringing about the condition defined as insulated;
78. "intrinsically safe" as applied to electrical equipment or electrical installation means that any sparking that may occur either in the normal use of the electrical equipment or installation or the use of the same under any condition of fault likely to occur therein in practice, is safe, such as to be incapable of causing an ignition of flammable gas or vapour;
79. "lamp holder" means a device constructed for the mechanical support of lamps and for connecting them to circuit conductors;
80. "lighting fixture raceway" means a raceway which may or may not be a part of a lighting fixture and which is designed to support or suspend the lighting fixture or to hold conductors supplying power to the lighting fixture;
81. "location",
  - (a) "ordinary location" means a dry location in which at normal atmosphere pressure and under normal conditions of use, electrical equipment is not unduly exposed to injury from mechanical causes, excessive dust, moisture, or extreme temperatures, and in which electrical equipment is entirely free from the possibility of injury through corrosive, flammable or explosive atmospheres;
  - (b) "damp location" means a location which is normally or periodically subject to condensation of moisture in, on or adjacent to electrical equipment;
  - (c) "wet location" means a location in which liquids may drip, splash or flow on or against electrical equipment;
  - (d) "hazardous location" means premises, buildings, or parts thereof in which there exists the hazard of fire or explosion because,
    - (i) highly flammable gases, flammable volatile liquids, mixtures or other highly flammable substances are manufactured or used or are stored in other than original containers,
    - (ii) combustible dust or flyings are likely to be present in quantities sufficient to produce an explosive or combustible mixture, or where it is impracticable to prevent such dust or flyings from being deposited upon incandescent lamps or from collecting in or upon motors or other electrical equipment in such quantities as to produce overheating by reason of the prevention of normal radiation,
    - (iii) easily ignitable fibres or materials producing combustible flyings are manufactured, handled or used in a free open state, or
    - (iv) easily ignitable fibres or materials producing combustible flyings are stored in bales or containers but are not manufactured, handled or used in a free open state;
82. "low-energy power circuit" means a circuit other than a remote control or signal circuit for which the power supply is limited in accordance with the requirements for Class 2 remote control circuits;



83. "low-voltage protection" means the effect of a device operative on the reduction or failure of voltage to cause and maintain the interruption of power to the main circuit;
84. "low-voltage release" means the effect of a device operative on the reduction or failure of voltage to cause the interruption of power to the main circuit, but not to prevent its re-establishment on the return of voltage to safe operating value;
85. "machine tool, metal cutting" means a power driven device, not portable by hand, used for the purpose of removing metal in the form of chips;
86. "machine tool, metal forming" means a power driven machine not portable by hand, used to press, forge, emboss, hammer, blank or shear metals;
87. "metallic water-piping system" means,
- (a) an active, underground, public water supply system having metallic mains and services;
  - (b) an active, underground, private water supply system having at least 100 feet of metal pipe buried in the ground; or
  - (c) the metallic casing, not less than 3 inches in diameter, of an artesian well;
88. "mill construction" as applied to a building means one in which walls are of masonry or reinforced concrete and an interior framing of wood, with plank or laminated wood floors and roofs, and in which the interior structural elements are arranged in heavy solid masses and smooth flat surfaces assembled to avoid thin sections, sharp projections, and concealed or inaccessible spaces, but the interior framing may be partly or entirely of protected steel or concrete and the floors and roofs may be constructed in whole or in part of incombustible material;
89. "mineral-insulated cable" means a cable having one or more bare solid conductors supported and insulated by a highly compressed refractory material enclosed in a liquid-tight and gas-tight metallic tube sheathing and the term includes both the regular type (MI) and the light-weight type (LWMI) unless otherwise qualified;
90. "mobile home" means a portable dwelling constructed to be towed on its own chassis designed for use without a permanent foundation on a temporary or permanent basis and which has provision for connection to a supply service;
91. "mobile industrial or commercial structure" means a portable structure other than a mobile home constructed to be towed on its own chassis designed for use without a permanent foundation on a temporary or permanent basis and which has provision for connection to a supply service;
92. "MSG" means the Manufacturer's Standard Gauge for uncoated steel;
93. "multi-outlet assembly" means a surface or flush enclosure carrying conductors for extending one branch-circuit to two or more receptacles of the grounding type which are attached to the enclosure;
94. "multiple section mobile unit" means a structure formed by the mechanical and electrical coupling together of two or more mobile units;
95. "multi-winding motor" means a motor having multiple windings or tapped windings, or both, designed for connection or reconnection in more than one configuration to operate at speeds and voltages respective to the configurations;
96. "multi-wire branch circuit" means a branch circuit consisting of two or more ungrounded conductors having a potential difference between them and an identified ground conductor having equal potential between it and each ungrounded conductor, and in which the grounded conductor is connected to the neutral conductor of the system;
97. "neutral conductor" means that conductor of a polyphase circuit, or of a single-phase, 3-wire circuit having an approximately uniform potential difference and an equal spacing in phase with each of the other conductors;
98. "noncombustible" means incapable of sustaining combustion in air, either when ignited or when subjected to and maintained at a high temperature;
99. "non-incendive circuit" means a circuit or part of a circuit in which any sparking that may be produced by normally arcing parts is incapable, under normal operating conditions, of causing an ignition of the prescribed flammable gas or vapour;
100. "non-relocatable structure" means a factory built unit intended for use on permanent foundations;
101. "open" as applied to electrical equipment means that moving parts, windings or live parts are exposed to accidental contact;
102. "outlet" means a point on the wiring system at which current is taken to supply fixtures, lamps, heaters, motors and electrical equipment generally;
103. "out-of-reach" means that equipment is located more than 5 feet horizontally or more than 8 feet vertically from any floor, platform or other surface from which it would otherwise be readily accessible;
104. "over current device" means any device capable of automatically opening an electric circuit both under predetermined overload and short-circuit conditions, either by fusing of metal or by electro-mechanical means;
105. "overload device" means a device affording protection from excess current, but not necessarily short-circuit protection, and capable of automatically opening an electric circuit either by the fusing of metal or by electro-mechanical means;



106. "panelboard",
- (a) "panelboard" means an assembly of buses and connections, over-current devices and control apparatus with or without switches, or other equipment, constructed for installation as a complete unit in a cabinet; and
  - (b) "enclosed panelboard" means an assembly of buses and connections, over-current devices and control apparatus with or without switches, or other equipment, installed in a cabinet;
107. "part-winding start motor" means a motor the starting of which entails the energizing of part of its primary winding as a first step and the energizing of the remainder of this winding as the next step or steps;
108. "plenum" means a chamber associated with air-handling apparatus, for distributing the processed air from the apparatus (supply plenum) to the supply ducts, or for receiving air to be processed by the apparatus (return plenum);
109. "portable ground fault circuit interrupter" means a ground fault circuit interrupter which is specifically designed to receive current by means of a flexible cord or cable and an attachment plug cap, and which incorporates one or more receptacles for the connection of electrical equipment which is provided with a flexible cord or cable and an attachment plug cap;
110. "portable" when applied to electrical equipment means the equipment is specifically designed not to be used in a fixed position and receives current through the medium of a flexible cord or cable, and usually a detachable plug;
111. "potential",
- (a) "extra low potential" means any potential up to and including 30 volts;
  - (b) "low potential" means any potential from 31 to 750 volts inclusive;
  - (c) "high potential" means any potential above 750 volts;
112. "power supply cord" means a length of flexible cord or power supply cable with an attachment plug at one end;
113. "protected" as applied to electrical equipment means the equipment is constructed so that the electrical parts are enclosed so as to protect the equipment against damage from the intrusion of foreign objects;
114. "qualified person" means a person familiar with the construction and operation of the apparatus and the hazards involved;
115. "raceway" means any channel for holding wires, cables or bus bars, which is designed expressly for and used solely for this purpose, and unless otherwise qualified in this Code, including rigid, flexible, metallic and non-metallic conduit, electrical metallic tubing, underfloor raceways, lighting fixture raceways, cellular floor raceways, surface raceways, wire-ways, cabletroughs, busways, auxiliary gutters and ventilated cableway;
116. "readily accessible" means capable of being reached quickly without climbing over or removing obstacles or resorting to portable ladders, chairs or similar aids;
117. "receptacle" means a contact device installed in an outlet for the connection of a portable lamp or appliance by means of a plug and flexible cord;
118. "recreational vehicle" means a portable structure other than a mobile home intended as temporary living accommodation, including structures commonly referred to as travel trailers, motorized homes, slide-in campers, chassis-mounted campers and tent-trailers, having:
- (a) an overall length not exceeding 32 feet; and
  - (b) an overall width not exceeding 8 feet, 6 inches, (where width means the sum of the distances from the vehicle centre line to the outermost projections on each side when the vehicle is folded or condensed for transit);
119. "remote control circuit" means any electrical circuit which controls any other circuit through a relay or an equivalent device;
120. "relocatable structure" means a factory built unit which can be used for residential, commercial, industrial or recreational purposes without a permanent foundation;
121. "repellent" used as a suffix (such as moisture-repellent) means constructed, treated or surfaced so that liquid will tend to run off, and cannot readily penetrate the surface;
122. "resistant" used as a suffix means constructed, protected or treated so that it will not be injured readily when subjected to the specified material or condition;
123. "service",
- (a) "consumer's service" means all that portion of the consumer's installation from the service box or its equivalent up to and including the point at which the supply authority makes connection;
  - (b) "supply service" means any one set of conductors run by a supply authority from its mains to a consumer's service;
  - (c) "service agreement" means a form of agreement prescribed or approved by the inspection department and pertaining to the labelling or re-examination of approved electrical equipment;
  - (d) "service box" means an approved assembly consisting of a metal box or cabinet constructed so that it may be effectually locked or sealed, containing either service fuses and a service switch or a circuit breaker and of such design that either the switch or circuit breaker may be manually operated when the box is closed;

124. "service or filling station" means premises or portions of premises on which are installed pumps or other devices used for the purpose of receiving or delivering volatile flammable liquids to or from vehicles;
125. "shock-proof" as applied to X-ray and high-frequency equipment, means that the equipment is guarded with grounded metal so that no person can come into contact with any live part;
126. "signal circuit" means any electrical circuit, other than a communication circuit, which supplies energy to a device which gives a recognizable audible or visible signal, such as circuits for doorbells, buzzers, code-calling systems, signal lights and similar devices;
127. "slow-burning" as applied to conductor insulation means the insulation has flame-retarding properties;
128. "soldered" means a uniting of metallic surfaces by the fusion thereon of a metallic alloy, usually of lead and tin;
129. "special permission" means the permission of an inspector;
130. "splitter" means a metal troughing or box containing terminal blocks, or bus bars, having main terminals and distribution terminals, with bare live parts supported by insulating material;
131. "starter" means an electric controller for accelerating a motor from rest to normal speed, and for stopping the motor, and usually implies inclusion of overload protection;
132. "supply authority" means any person, firm, corporation, company, commission or other organization supplying electric power or energy;
133. "surface raceway" means a raceway in the form of a channel with a backing and capping for loosely holding conductors and cables in surface wiring;
134. "switch" means a device for making, breaking, or changing connection in a circuit; and
- (a) "general use switch" means a switch intended for use in general distribution and branch-circuits and which is rated in amperes and capable of interrupting its rated current at rated voltage;
- (b) "indicating switch" means a switch designed or marked to show readily whether the switch is in an "On" or "Off" position;
- (c) "isolating switch" means a switch intended for isolating a circuit or electrical equipment from the source of supply of electrical power or energy, but does not include a switch intended for establishing or interrupting the flow of current in a circuit;
- (d) "motor-circuit switch" means a fused or unfused manually-operated knife or snap switch rated in horsepower;
135. "switchboard" means a panel or assembly of panels on which is mounted any combination of switching, measuring, controlling and protective devices, buses, and connections, designed with a view to successfully carrying and rupturing the maximum fault current encountered when controlling incoming and outgoing feeders;
136. "system" means an electrical system in which all conductors and the apparatus are designedly capable of being readily connected electrically by metallic contact to a common source of potential difference;
137. "theatre" means a building, or any portion thereof, which is used for public dramatic, operatic, motion-picture or other performances;
138. "thermal cut out" means a device affording protection from excessive current but not necessarily short-circuit protection, and containing a heating element in addition to, and affecting, a fusible member which opens the circuit;
139. "underfloor-raceway" means a raceway suitable for use in the floor;
140. "utilization equipment" means equipment which utilizes electrical power or energy for mechanical, chemical, heating, lighting, or similar useful purposes;
141. "vault" means an isolated enclosure, either above or below ground, with fire-resistant walls, ceilings and floors, for the purpose of housing transformers or other electrical equipment;
142. "ventilated flexible cableway" (VFC) means a ventilated metal raceway into which conductors may be drawn, designed so as to be rigid in one plane and flexible in another plane at a 90 degree angle to the first plane and constructed so that approximately 30 per cent of its surface consists of ventilating openings;
143. "voltage of a circuit" means the greatest root mean square (effective) voltage between any two conductors of the circuit concerned;
144. "voltage to ground" means the voltage between any live ungrounded part and any grounded part in the case of grounded circuits, or the greatest voltage existing in the circuit in the case of ungrounded circuits;
145. "waterproof" when applied to electrical equipment means that the equipment is so constructed or protected that moisture cannot enter in quantity sufficient to interfere with the effective operation of the equipment, and when applied to a substance means that the substance is impervious to moisture;
146. "water-tight" when applied to enclosed electrical equipment means that the equipment is so constructed that moisture cannot enter the enclosing case;
147. "wire television distribution system" means a distribution system of coaxial or other suitable cable or wire, together with any necessary amplifiers, which is used in the transmission of television signals;



148. "wire-way" means a raceway consisting of a completely enclosed system of metal troughing, and fittings therefor, so formed and constructed that insulated conductors may be readily drawn in and withdrawn, or laid in and removed, after the system has been completely installed without injury either to conductors or their covering.

## SECTION 2—GENERAL RULES

### General

**2-000** This Code does not apply to:

- (1) electrical equipment and electrical installations used exclusively in the generation, transformation, or transmission of electrical power or energy intended for sale or distribution to the public;
- (2) electrical equipment and electrical installations used by telephone and telegraph companies in the operation of communication facilities subject to the requirements of Section 60;
- (3) electrical equipment and electrical installations in the cars, car-houses, passenger stations or freight stations used in the operation of an electric railway or electric street railway and supplied with electric current from the railway power-circuit;
- (4) electrical equipment and electrical installation on an aircraft;
- (5) electrical equipment and electrical installations in a mine as defined in *The Mining Act* save only as regards any dwelling house or other building not connected with or required for mining operations or purposes or used for the treatment of ore or mineral;
- (6) electrical equipment and electrical installation on a ship as defined by the *Canada Shipping Act* unless it is connected to a shore supply of electricity for a period exceeding five months.

**2-002 Special Requirements.** Sections devoted to rules governing particular types of installations are not intended to embody all rules governing these particular types of installations, but cover only those special rules or regulations which are additional to or amendatory of those prescribed in other sections covering installations under ordinary conditions.

### 2-004 Inspection

- (1) A contractor shall file with the inspection department a completed application for inspection of any work on an electrical installation:
- (a) Before or within 48 hours after commencement of the work where electrical power or energy has not been previously supplied to the land, building or premises on which the work is to be performed; or
- (b) Before the electrical installation is used for any purpose where electrical power or energy has

been previously supplied to the land, building or premises on which the work was performed; and

- (c) Shall pay the fees prescribed by the inspection department therefor at the time the application is made.

(2) An application for inspection which has been refused in accordance with the provisions of Rule 2-008 shall, for purposes of Subrule (1) hereof, be deemed not to be a completed application.

(3) Subject to the provisions of Rule 2-008, payment of the fees prescribed by the inspection department entitles the contractor to one complete inspection of the installation.

(4) Every contractor who makes an electrical installation is responsible for procuring its inspection by the inspection department before the installation is used for any purpose.

(5) The contractor shall give to the inspection department at least forty-eight hours' notice in writing that the work on the electrical installation has been completed and that the installation is ready for inspection but where the work is being performed in a remote district or is not immediately accessible for any other reason the notice shall be of such greater length as is necessary to accommodate the inspection schedule of the inspection department.

(6) The inspection shall be made at such time and in such manner as the inspection department determines.

(7) No electrical installation shall be concealed or rendered inaccessible, until it has been inspected by the inspection department and found to conform to this Code.

### 2-006 Annual Inspection

(1) An annual application for inspection may be made by the owner or occupant of any manufacturing, mercantile or other building where in the opinion of the inspection department electrical installation work of a routine nature in connection with the maintenance or operation of the building or the plant therein is required to be performed at frequent intervals, and where the owner or occupant employs his own electricians for the purpose.

(2) Acceptance of the application by the inspection department shall authorize the commencement and carrying out of such work during the year for which the acceptance is issued and Rule 2-004 does not apply.

(3) The owner or occupant shall as the work is performed record it on a form provided by the inspection department which shall be produced to any inspector of the inspection department at any time and from time to time upon request and the inspection shall be made at such time and in such manner as the inspection department determines.

**2-008 Right of Refusal.** The inspection department may refuse an application for inspection to any person who has failed to pay any fees or dues owing to the inspection department for a period of more than thirty days or who has failed to remedy defects in any electrical work or installation after having been notified by the inspection department that the defects exist, until the fees have been paid or the defects have been remedied.



**2-010 Plans and Specifications.** No contractor shall commence work on any electrical installation consisting of:

- (a) The installation of a wiring system in any public building, commercial or industrial establishment, apartment house or other building in which the public safety may be involved;
- (b) A large light-and-power installation; or
- (c) The installation of generators, transformers, switchboards, large storage batteries and similar equipment,

or that in the opinion of the inspection department is of special magnitude or nature without first filing with the inspection department in duplicate, or in greater number if required, complete wiring plans and specifications relating to the proposed work and obtaining the written approval of the inspection department thereof.

#### **2-012 Connection Authorization**

(1) Where any electrical installation or part thereof to which electric power or energy has not previously been supplied is made in or upon any land, building or premises or subject to sub-rule 2, where any electrical installation or part thereof has been disconnected or cut off from any service or other source of supply under this Code, no supply authority, contractor or other person shall connect or re-connect the installation or part thereof to any service or other source of supply unless:

- (a) The installation and all work in respect thereof have been inspected by the inspection department and found to conform to this Code; and
- (b) A connection authorization has been issued by the inspection department in respect of the installation.

(2) Where any electrical installation or part thereof has been disconnected or cut off from a source of supply by a supply authority for six months or less for non-payment of rates or because of a change of occupancy of premises the supply authority may reconnect the installation or part thereof without obtaining a connection authorization.

#### **2-014 Temporary Connection Authorization**

(1) Notwithstanding the provisions of Rule 2-012 the inspection department may issue a temporary connection authorization authorizing a supply authority to connect its lines for a stated length of time to a temporary electrical installation and may renew the connection authorization from time to time.

(2) Issuance of a temporary connection authorization does not obligate the inspection department to issue a permanent connection authorization where a contractor has not complied with this Code.

**2-016 Re-inspection.** The inspection department may at any time re-inspect any electrical installation notwithstanding any previous inspection and acceptance of the installation.

#### **2-018 Defects**

(1) Every contractor who has performed work on an electrical installation and has been notified by the inspection department that the installation does not conform to this Code shall remedy all defects in workmanship and replace all electrical equipment that is not approved within such time and in such manner as the notice from the inspection department directs.

(2) The inspection department may by notice in writing require any owner or occupant of land, buildings or premises upon or within which is found an electrical installation in which in the opinion of the inspection department a condition dangerous to persons or property has developed to make such changes in the electrical installation as are necessary to remedy the condition.

(3) Upon receipt of the notice the owner or occupant of the lands, buildings or premises shall cause the installation to be changed in the manner and to the extent prescribed by the notice within the time limited therein.

(4) Where:

- (a) A contractor refuses or neglects to comply with a notice given under Subrule (1); or
- (b) The owner or occupant of lands, buildings or premises refuses or neglects to comply with a notice given under Subrule (2),

the inspection department, if it deems such course necessary for purposes of safety, may:

- (c) Cut off the supply of electrical power or energy to the lands, buildings or premises in which is contained the electrical installation that was the subject of the notice; or
- (d) Require the supply authority to cut off the supply,

and in either event the supply shall not be re-connected until full compliance with the notice has been made.

#### **2-020 Approval of Electrical Wiring in Mobile Homes, Mobile Industrial or Commercial Structures, Recreational Vehicles or any manufactured or prefabricated dwelling unit.**

(1) No person shall advertise, display or offer for sale or other disposal, or sell or otherwise dispose of a Mobile Home, Mobile Industrial or Commercial Structure, Recreational Vehicle or any manufactured or prefabricated dwelling unit unless the electrical wiring installed therein or thereon has been approved.

(2) The system of electrical wiring referred to in subrule (1) shall be deemed to be approved when:

- (a) An approvals report has been issued by Canadian Standards Association in respect thereof;

- (b) The approvals report has been adopted by the inspection department;
- (c) The manufacturer of the unit in which the electrical wiring is installed or his agent has entered into a service agreement with Canadian Standards Association; and
- (d) The electrical wiring and installation thereof meet all standards of design and construction prescribed by the approvals report and complies with all terms and conditions therein.

(3) As an alternative to the requirements of subrule (1) and (2) the system of electrical wiring installed in a recreational vehicle equipped with permanently installed appliances with the meaning of *The Energy Act*, R.S.O. 1970, Chapter 148, shall be deemed to be approved when an approvals report has been issued by the Canadian Gas Association and adopted by the inspection department, provided:

- (a) The electrical wiring meets all the applicable standards prescribed by the approvals report and Canadian Standards Association specifications relating thereto and complies with all terms and conditions in the report and the specifications;
- (b) The seal of The Canadian Gas Association has been affixed permanently to the system of electrical wiring verifying compliances with Canadian Standards Association specifications; and
- (c) The manufacturer of the recreational vehicle or his agent has entered into a service agreement with The Canadian Gas Association.

## 2-022 Sale or Other Disposal and Use

(1) No person shall advertise, display or offer for sale or other disposal, or sell or otherwise dispose of any electrical equipment unless it has been approved in accordance with Rule 2-024.

(2) No person shall use any electrical equipment unless it has been approved in accordance with Rule 2-024.

(3) Where an approvals report in respect of any approved electrical equipment requires that a notice indicating the proper and safe manner of use of the equipment be affixed thereto or furnished therewith, no person shall sell or otherwise dispose of the equipment without affixing or furnishing the notice in the manner required by the approvals report.

## 2-024 Approval of Electrical Equipment

(1) Electrical equipment of a regular line of manufacture for which approval is sought shall be submitted to Canadian Standards Association for examination and testing.

(2) The electrical equipment referred to in Subrule (1) shall be deemed to be approved when:

- (a) An approvals report has been issued by Canadian Standards Association in respect of the equipment;
- (b) The approvals report has been adopted by the inspection department;
- (c) The manufacturer of the equipment or his agent has entered into a service agreement with Canadian Standards Association;
- (d) The equipment, if so required by the service agreement, bears an approval label supplied under the terms of the service agreement; and
- (e) The equipment meets all standards of design and construction prescribed by the approvals report and complies with all terms and conditions contained therein.

(3) As an alternative to the requirements of Subrules (1) and (2), electrical equipment consisting of an assemblage or combination of component parts intended for use solely in conjunction with or as an integral part of any appliance within the meaning of *The Energy Act*, R.S.O. 1970, Chapter 148, shall be deemed to be approved when:

- (a) An approvals report has been issued by an organization designated to test the appliance by Regulation 254 of R.R.O. 1970;
- (b) The approvals report has been adopted by the inspection department;
- (c) The equipment meets all standards of design and construction prescribed by the approvals report and Canadian Standards Association specifications relating thereto and complies with all terms and conditions contained in the report and the specifications;
- (d) The seal of the organization has been affixed permanently to the equipment verifying compliance with Canadian Standards Association specifications; and
- (e) The manufacturer of the equipment, or his agent, has entered into a service agreement with the organization.

(4) Electrical equipment of other than a regular line of manufacture, electrical equipment built to customer's order, electrical equipment manufactured or produced singly or in small quantities and electrical equipment that in the opinion of the inspection department cannot be conveniently examined and tested by submission of samples shall be submitted to the inspection department for examination and testing in conformance with the procedure from time to time prescribed by the inspection department.

(5) The prescribed equipment referred to in Subrule (4) shall be deemed to be approved when:

- (a) The electrical equipment or a sample thereof has been examined and tested by the inspection department and found to conform to this Code and to present no undue hazard to persons or property;
- (b) A certificate or other writing evidencing the conformity has been issued by the inspection department;
- (c) All fees payable to the inspection department in respect of the examination, testing and certification have been paid;



(d) The equipment, if so required by the inspection department, bears an approval label supplied by the inspection department; and

(e) The equipment, in the case of examination and test by sample, is of the same standard of design and construction as the standard of the sample referred to in the certificate or writing.

(6) Where any electrical equipment is used in, or connected to, an electrical installation or is about to be so used or connected, and it appears to the inspection department that, having regard to public safety and protection of property, it would be sufficient to have the equipment inspected under Subrule (3), (4) and (5) of Rule 2-004 instead of being approved under the foregoing provisions of this Rule, the inspection department may direct accordingly and thereupon the equipment shall be deemed to form a part of the electrical installation.

(7) Approval of any electrical equipment shall be evidenced by a certificate or other writing to that effect issued by the inspection department but, where electrical equipment is approved under Subrule (2) the approval-record guide-card issued by the Canadian Standards Association shall have the same force and effect as a certificate or writing of the inspection department.

(8) No person shall affix to any electrical equipment other than the electrical equipment referred to in Subrule (3) any label indicating or intended to indicate that the electrical equipment is approved other than an approval label that has been supplied by the inspection department or under a service agreement.

(9) No person shall affix any approval label to any electrical equipment other than the approved electrical equipment for which the label was issued.

(10) No person to whom approval labels have been supplied, either by the inspection department or under a service agreement, shall sell, give, transfer or permit any other person to have possession of the labels without first obtaining the consent in writing of the inspection department.

#### 2-026 Cancellation of Approval

(1) The inspection department may cancel the approval of any electrical equipment where:

(a) The equipment is not being manufactured or produced in conformance with the standards, design and construction prescribed by the approvals report or certificate of approval relating thereto;

(b) In the opinion of the inspection department field experience has shown the equipment to be unduly hazardous to life or property; or

(c) The manufacturer of the equipment makes default in observing or performing any of the terms of the service agreement to which he is a party.

(2) When an approval has been cancelled, the equipment shall be deemed to be not approved.

#### 2-028 Miscellaneous

(1) The testing and inspection by the inspection department of any electrical equipment under Subrules (4) and (5) of Rule 2-024 may be carried out by such inspectors at such times and places and in such manner as the inspection department from time to time determines.

(2) Subject to Subrule (6) of Rule 2-024, any electrical equipment used or capable of being used or adapted to serve or perform any particular purpose or function when connected to an electrical installation shall be approved before being so connected unless the connection is made for the purpose of inspection or testing of the equipment under this Code.

(3) Any electrical equipment that consists of an assembly or combination of other electrical equipment is subject to this Code respecting approval, and is not approved by reason only that any or all of the component parts thereof have been individually approved.

#### 2-030 Deviation or Postponement

(1) A minor deviation or postponement of the application of these rules may be allowed by special permission, provided, that any such special permission shall be limited to the specific purpose for which it was granted.

(2) By special permission, the requirements of this Code may be varied for installations associated with fire-pumps.

#### 2-500 General

(1) No contractor shall perform any work on an electrical installation in any manner contrary to the requirements of this Code.

(2) No contractor in performing any work on an electrical installation shall use therein any electrical equipment other than approved electrical equipment of a kind or type and rating approved for the specific purpose for which it is to be employed.

(3) In any case in which for a given purpose no standard electrical equipment of the exact size or rating required is procurable, equipment of the next larger size or rating shall be used unless permission of an inspector is obtained to use equipment of a smaller size or rating.

(4) If in the opinion of an inspector an electrical installation has been badly arranged or poorly executed, either generally or in any particular, the inspector shall reject the electrical installation.

(5) No contractor shall use wood for plugging for the support of any electrical equipment.

(6) No contractor shall use as a solder any so-called solder consisting of a metallic powder mixed with an adhesive vehicle in the use of which fusion of a metal is not involved.

(7) No contractor shall use for soldering copper, aluminum or their alloys a soldering flux corrosive to those metals.

(8) No person shall:

(a) Cut, damage or interfere with any electrical equipment; or

(b) Place or install any equipment or material near installed electrical equipment, so as to create a condition which an inspector deems dangerous.

#### 2-502 Rebuilt Equipment

(1) Where any electrical machine or apparatus is re-built or re-wound with any change in its rating or characteristics it shall be provided with a name plate



giving the name of the person, or firm, by whom such change was made, together with the new marking.

(2) Where the original name plate is removed the original manufacturer's name and any original identifying data, such as serial numbers, shall be added to the new name plate.

(3) The appropriate specification requirements applicable to new equipment shall also apply to rebuilt and rewound equipment.

**2-504 Use of Thermal Insulation.** Where the hollow spaces between studding, joists, or rafters of buildings are to be filled with thermal insulation, the following restrictions, as applicable, shall apply to the installation of electric wiring in such spaces:

- (a) If the space is to be filled with an approved loose or free flowing material which is non-corrosive, fire-resisting, and non-conducting, any type of wiring system recognized by this Code may be used, but special care shall be taken to ensure that there will be no strain on the conductors due to the weight or pressure of such material;
- (b) If approved material in the form of batts, or the equivalent, is installed prior to the installation of the wiring and secured in place so that there will be no undue pressure on the conductors, no special precaution need be observed;
- (c) If thermal insulation made of or faced with metal is installed, the wiring shall conform to the following requirements:
  - (i) A one-inch separation shall be provided between the thermal insulation and the knob-and-tube wiring;
  - (ii) Non-metallic sheathed cable may be in contact with the insulation;
- (d) Mineral-insulated cable or aluminum-sheathed cable shall not be used with any thermal insulation which is liable to have a corrosive action on the sheath.

## 2-506 Fire Spread

(1) Every electrical installation shall be made in such manner so as to minimize the possibility of spread of fire through fire-stopped partitions, floors, hollow spaces, fire walls, fire partitions, vertical shafts and ventilating and air-conditioning ducts.

(2) Where a fire separation is pierced by a raceway or cable, any openings around the raceway or cable shall be properly closed or sealed to the satisfaction of an inspector.

## Maintenance and Operation

### 2-508 General Requirements for Maintenance and Operation

(1) All electrical equipment shall be so installed and guarded as to afford provision for the safety of persons and property and for the protection of the electrical equipment from mechanical or other injury to which it is likely to be exposed.

(2) Every owner and tenant of a factory, workshop or other premises on or in which employees are engaged

in operating or using any electrical equipment shall keep the electrical equipment and the electrical installation in safe operating condition at all times.

(3) No person shall use any electrical equipment that is not in safe and proper working condition.

(4) Electrical equipment that is not in regular use shall not be used until it has been thoroughly examined by a qualified person and is found fit for service.

(5) Electrical equipment that is kept in reserve for emergency service shall be examined and tested by a qualified person at regular and frequent intervals.

(6) Defective equipment shall either be put in good order or permanently disconnected.

### 2-510 Guarding of Bare Live Parts

(1) Bare live parts shall be guarded against accidental contact by means of approved cabinets or other forms of approved enclosures except where the bare live parts are:

- (a) Located in a suitable room, vault, or similar enclosed area which is accessible only to qualified persons; or
- (b) Located in a manner permitted by this Code.

(2) Where electrical equipment has mounted on it, within 3 feet of bare live parts, non-electrical components which require servicing by unqualified persons, suitable barriers or covers shall be provided for the bare live parts.

(3) Entrances to rooms and other guarded locations containing exposed bare live parts shall be marked with conspicuous warning signs forbidding entry to unqualified persons.

**2-512 Maintenance in Hazardous Locations.** In locations where explosive or highly flammable materials or gases are present, special precautions shall be observed as follows:

- (a) Repairs or alterations shall not be made on any live equipment; and
- (b) Fits or seals in enclosures shall be maintained in their original safe condition.

### 2-514 Disconnection

(1) No person shall make repairs or alterations to live equipment unless complete disconnection of the equipment is impracticable.

(2) For the purpose of Subrule (1), three-way or four-way switches shall be deemed not to be a means of disconnection.

(3) Adequate precautions, such as locks on circuit breakers or switches, warning notices, sentries, or other equally effective means, shall be taken to prevent electrical equipment from being electrically charged when work is being done thereon.

**2-516 Maintenance of Live Equipment.** No person shall work on any live equipment unless protected by approved insulated or insulating devices such as tongs, rubber gloves, boots, mats, or other like appliances, which shall always be maintained in proper condition for use.

**2-518 Accessibility for Maintenance.** All passageways and working space around generators, transformers, switchboards and similar equipment shall not be used for storage and shall be kept clear of any obstruction and so arranged as to give authorized persons ready access to all parts requiring attention.

**2-520 Illumination of Equipment.** Adequate illumination shall be provided to allow for proper operation and maintenance of electrical equipment.

**2-522 Flammable Material Near Electrical Equipment.** Flammable material shall not be stored or placed in dangerous proximity to electrical equipment.

**2-524 Ventilation.** Adequate ventilation shall be provided so as to prevent the development about electrical equipment of ambient air temperatures in excess of those normally permissible for such equipment.

**2-526 AWG Sizes of Conductors.** Where reference is made in these Regulations to AWG size, this shall mean the copper AWG size, unless otherwise stated.

**2-528 Installation of Electrical Equipment.** Electrical equipment shall be so installed as to ensure that after installation there is access to nameplate data and to electrical components requiring maintenance.

**2-530 Fire extinguishing equipment** installed in an electrical vault constructed in accordance with Rules 26-160 to 26-174 both inclusive or in an electrical room shall be of a type that is compatible with the electrical equipment therein.

**2-532** All electrical equipment shall have adequate provision for draining of moisture.

## Enclosures

### 2-534 Enclosures, Designations and Use

(1) The following designations of enclosures for switchgear, switches, air circuit breakers, panelboards, industrial control equipment and similar apparatus shall be recognized for the purpose of this Code for the intended use as specified:

- (a) **Enclosure 1:** A general purpose enclosure, for use indoors in ordinary locations, designed to protect live parts from accidental contact and constructed of metal or other suitable material;
- (b) **Enclosure 2:** A drip-tight enclosure for use indoors where enclosure may be subject to drops of falling liquid due to severe condensation or other causes and similar to a general purpose enclosure but constructed or protected by the addition of drip shields or their equivalent so as to exclude falling moisture or dirt;
- (c) **Enclosure 3:** A weatherproof enclosure, for use outdoors, constructed or protected so that exposure to the weather, to falling moisture, or to external splashing, will not impair the effectiveness of the enclosed equipment;
- (d) **Enclosure 4:** A watertight enclosure for use where the enclosure may be subject to direct streams of water and constructed so that a stream of water from a hose cannot enter the enclosure;

(e) **Enclosure 5:** A dust-tight enclosure for use indoors where the atmosphere may carry considerable non-hazardous dust or in Class III locations, but not in Class II locations, and constructed so that dust, readily ignitable fibres, or combustible flyings cannot enter the enclosure.

(2) An enclosure may be constructed so as to comply with two or more of the designations described in Subrule (1) hereof.

(3) Enclosures of equipment for use in hazardous locations shall be designated in accordance with Rule 18-012.

**2-536 Marking of Enclosures.** General purpose enclosures need not be marked to indicate the enclosure designation.

### 2-538 Circuit Voltages-to-Ground—Residential Occupancies.

Branch circuits in residential occupancies shall not have a voltage exceeding 150 volts-to-ground except that where the calculated load on the service conductors exceeds 250 kilovolt-amperes and where trained maintenance personnel are available, higher voltages not exceeding the voltage-to-ground of a nominal system voltage of 347/600V may be used to supply the following fixed (not portable) equipment:

- (a) Space heating;
- (b) Water heaters;
- (c) Air conditioning.

### 2-540 Corrosion Protection for Materials used in Wiring

(1) Metallic materials used in wiring, such as raceways, cable sheaths and armour, boxes and fittings shall be suitably protected against corrosion for the environment in which they are to be used or shall be made of suitable corrosion-resistant material.

(2) Where practicable, dissimilar metals shall not be used where there is a possibility of galvanic action.

### 2-542 Working Space about Electrical Equipment (Low Potential)

(1) A minimum unobstructed working space of three feet with secure footing shall be provided and maintained about all electrical equipment which may require adjustment and maintenance, except that working space is not required behind assemblies such as dead-front switchboards or control centres where there are no renewable parts such as fuses or switches on the back and where all connections are accessible from other locations than the back.

(2) The minimum head-room of working spaces about switchboards or motor control centres where bare parts are exposed at any time shall be 7 feet.

### 2-544 Entrance to Working Space

(1) At least one entrance of sufficient area shall be provided to give access to the working space about electrical equipment.

(2) Doors or gates of suitable material may be provided but they shall be capable of being readily opened from the equipment side without the use of a key or tool.



**2-546 Marking of Equipment**

(1) Each piece of electrical equipment shall bear such of the following markings as may be necessary to identify the equipment and insure that it is suitable for the particular installation:

- (a) The maker's name, trade mark, or other recognized symbol of identification;
- (b) Catalogue number or type;
- (c) Voltage;
- (d) Rated load amperes;
- (e) Watts, volt amperes, or horsepower;
- (f) Whether for ac, dc, or both;
- (g) Number of phases;
- (h) Frequency in cycles per second;
  - (i) Rated load speed in revolutions per minute;
  - (j) Designation of terminals;
- (k) Whether for continuous or intermittent duty;
  - (l) Evidence of approval; and
- (m) Such other marking as may be necessary to ensure safe and proper operation.

(2) Each service box, at the time of installation, shall be marked in a conspicuous, legible, and permanent manner, to indicate clearly the maximum rating of the overcurrent device which may be used for this installation.

(3) At each distribution point, circuit breakers, fuses, and switches shall be marked, adjacent thereto, in a conspicuous and legible manner to indicate clearly:

- (a) Which installation or portion of installation they protect or control; and
- (b) The maximum rating of overcurrent device that is permitted.

(4) Electrical equipment shall not be marked to indicate its suitability and purpose for which it has not been tested and approved.

**2-548 Space for Service and Distribution Equipment**

The space provided for electrical service and distribution equipment shall be satisfactory to the inspection department.

**Insulation Resistance****2-700 General**

(1) All wiring shall be so installed that when completed the system shall be free from short circuits and grounds.

(2) Subject to the provisions of Rules 2-704 and 2-706, every installation shall have at least the insulation resistance specified in Table 24.

**2-702 Method of Taking Insulation Resistance Tests.** The value of the insulation resistance of an electrical installation shall be determined with all

switchboards, panelboards, fuse holders, switches, and overcurrent devices forming part of or used with the installation in place and connected.

**2-704 Allowance If Fixtures, Appliances, Etc., are Connected.** Where lampholders, receptacles, fixtures, or appliances are connected to the installation, the branch circuits shall have at least one-half of the insulation resistance specified in Table 24.

**2-706 Allowance for Excessive Humidity.** Where the wiring of equipment is exposed to excessive humidity through climatic conditions, an inspector may authorize an insulation resistance lower than that specified in Table 24.

**SECTION 4—CONDUCTORS**

**4-000 Size of Conductors.** Except for flexible cord, fixture wire, control circuit wire and cable, and grounding conductors as permitted by Table 16, conductors shall be not smaller than No. 14 AWG when of copper and not smaller than No. 12 AWG when of aluminum.

**4-002 Ampacity of Wires and Cables**

(1) The maximum current which a copper conductor of a given size and insulation may carry shall be as follows:

- (a) Single conductor, and single-conductor metal-sheathed or armoured cable, in a free air run, as specified in Table 1;
- (b) 1, 2, or 3 conductors in a run of raceway, or 2- or 3-conductor cable, as specified in Table 2;
- (c) 4, 5, or 6 conductors in a run of raceway or cable, 80 per cent of that specified in Table 2;
- (d) 7 to 24 conductors, inclusive, in a run of raceway or cable, 70 per cent of that specified in Table 2;
- (e) 25 to 30 conductors, inclusive, in a run of raceway or cable, 60 per cent of that specified in Table 2.

(2) The maximum current which an aluminum conductor of a given size and insulation may carry shall be as follows:

- (a) Single conductor, and single-conductor metal-sheathed or armoured cable, in a free air run, as specified in Table 3;
- (b) 1, 2, or 3 conductors in a run of raceway, or 2- or 3-conductor cable, as specified in Table 4;
- (c) 4, 5, or 6 conductors in a run of raceway or cable, 80 per cent of that specified in Table 4;
- (d) 7 to 24 conductors, inclusive, in a run of raceway or cable, 70 per cent of that specified in Table 4;
- (e) 25 to 30 conductors, inclusive, in a run of raceway or cable, 60 per cent of that specified in Table 4.

(3) The ampacity of armoured cable having two or more conductors shall be the same as for the same size and number of conductors in a raceway.

(4) A neutral-conductor which carries only the unbalanced current from other conductors, as in the case of normally balanced circuits of three or more



conductors, shall not be counted in determining ampacities as provided for in Subrules (1), (2), and (3).

(5) A common conductor of a three-wire circuit, consisting of conductors connected to two phase wires and the neutral conductor of a four-wire, three-phase system, carries approximately the same current as the other conductors, and shall not be considered as a neutral conductor.

(6) The maximum allowable ampacity of neutral supported cable shall be as specified in Table 36.

(7) A grounding conductor shall not be counted in determining the ampacities as provided for in Subrules (1), (2), and (3).

(8) The derating factors specified in this Rule apply only to, and shall be determined from, the number of power and lighting conductors in a cable or raceway.

(9) The ambient correction factors of Table 4A shall apply where conductors are installed in an ambient exceeding or anticipated to exceed 30C (86F).

(10) Where single conductors having a free air rating are run in contact with each other, the ampacity shall be corrected by applying the factors in Table 4B for up to four conductors in contact, and by utilizing the ampacities of Table 2 or 4 where there are more than four in contact.

(11)(a) The ampacity of service conductors supplying enclosed fusible service switches shall:

(i) for switches rated 100 amperes or less be not less than the switch rating;

(ii) for switches rated over 100 amperes and not exceeding 600 amperes, not be less than 80 per cent of the switch rating;

(b) Where the main service switch is omitted in accordance with Rule 6-042, the ampacity of the service conductors shall be not less than the rating of the splitter, except by special permission;

(c) Requirements of Clause (a) shall also apply to:

(i) conductors on the load side of the main service switch up to the first point of distribution; and

(ii) subservices.

(d) Clauses (a), (b) and (c) shall not apply to conductors supplying:

(i) a single fixed load where the load is unlikely to be increased; nor

(ii) a motor load where the conductors are sized in accordance with section 28.

#### 4-004 Insulated Conductors

(1) Insulated conductors shall be of types specified in Table 19 for each specific condition of use, except as may be otherwise required by other Sections of this Code.

(2) Where harmful condensed vapours or liquids of either an acid or alkaline nature or organic solvents such as hydrocarbons, ketones, esters, alcohols, or liquid derivatives thereof, may collect on or come in contact with insulation on conductors, such insulation shall be of a type approved for the application, or the insulation shall be protected by a sheath of lead or by other approved means.

#### 4-006 Sheath Currents in Single-Conductor Metallic-Sheathed Cables

(1) Where sheath currents in single-conductor cables having continuous sheaths of lead, aluminum, or copper are likely to cause the insulation of the conductors to be subjected to temperatures in excess of the insulation ratings, the cables shall be:

(a) Derated to 70 per cent of current-carrying rating which would otherwise apply;

(b) Derated in accordance with the manufacturer's recommendations by special permission; or

(c) Installed in such a manner as to prevent the flow of sheath currents.

(2) Circulating currents in single-conductor armoured cable shall be treated in the same manner as sheath currents in Subrule (1).

#### 4-008 Uses of Flexible Cord

(1) Flexible cord shall be of the types specified in Table II for each specific condition of use.

(2) Flexible cord may be used for:

(a) Electrical equipment for domestic or similar use having a rating of 15 amperes or less at voltages not exceeding 250 volts and which is intended to be:

(i) Moved from place to place, or

(ii) Detachably connected according to a Part II Standard;

(b) Electrical equipment for industrial use which must be capable of being moved from place to place for operation;

(c) Pendants;

(d) Elevator cables;

(e) Wiring of cranes and hoists;

(f) The connection of stationary equipment to facilitate its interchange, by special permission;

(g) The prevention of transmission of noise and vibration;

(h) The connection of electrical components between which relative motion is necessary; and

(i) The connection of appliances such as ranges and clothes dryers.

(3) Flexible cord shall not be used:

(a) As a substitute for the fixed wiring of structures and shall not be:

(i) Permanently secured to any structural member,

- (ii) Run through holes in walls, ceilings, or floors, or
- (iii) Run through doorways, windows, or similar openings;
- (b) At temperatures sufficiently low as to be liable to cause damage to the insulation or jacket;
- (c) For the suspension of any device weighing more than five pounds, unless the cord and device assembly has been specifically approved for a weight up to 25 pounds.
- (4) Flexible cord shall be protected by an insulating bushing or in some other acceptable manner where it enters or passes through a wall or partition of a device or enters a lampholder.

(5) Where a flexible cord is used as an extension cord or to plug into an appliance or other device, no live parts shall be exposed when one end is connected to a source of supply and the other end is free.

**4-010 Sizes of Flexible Cord.** Flexible cord shall not be smaller than a No. 18 AWG copper conductor except for:

- (a) Tinsel cord, which may be No. 27 AWG copper; and
- (b) Cords approved for use with specific devices which may be No. 20 AWG copper.

#### **4-012 Ampacity of Flexible Cords**

(1) The maximum current which 2 or more copper conductors of given size contained in a flexible cord may carry, shall be as follows:

- (a) 2 or 3 conductors—as specified in Table 12;
- (b) 4, 5, or 6 conductors—80 per cent of that specified in Table 12;
- (c) 7 to 24 conductors inclusive—70 per cent of that specified in Table 12;
- (d) 25 to 42 conductors inclusive—60 per cent of that specified in Table 12;
- (e) 43 or more conductors—50 per cent of that specified in Table 12.

(2) A conductor used for equipment grounding and a neutral conductor which carries only the unbalanced current from other conductors, as in the case of normally balanced circuits of three or more conductors, are not considered to be current-carrying conductors.

#### **4-014 Flexible Cord Used in Show Windows or Show Cases**

- (1) Flexible cord used in show windows or show cases shall, except for chain fixtures, be at least of types approved for hard usage.
- (2) The use of flexible cord to supply current to portable lamps and other devices for exhibition purposes shall be permitted.

#### **4-016 Fixture Wire and Christmas-Tree Wire**

(1) Fixture wire and Christmas-tree wire shall be of a type specified in Table 11 for each specified condition of use.

(2) Fixture wire shall not be smaller than a No. 18 AWG copper conductor.

(3) Christmas-tree wire shall not be smaller than a No. 20 AWG copper conductor.

(4) The maximum current which a fixture wire or a Christmas-tree wire of a given size may carry shall be that specified in Table 12.

**4-018 Insulation of Neutral Conductors.** Except as permitted by Rules 6-004, 6-018, 6-024, 12-302, and 12-318 neutral conductors shall be insulated.

#### **4-020 Size of Neutral Conductor**

(1) The neutral conductor shall have sufficient ampacity to carry the unbalanced load.

(2) The maximum unbalanced load shall be the maximum connected load between the neutral and any one ungrounded conductor as determined by Section 8 but subject to the following:

- (a) There shall be no reduction of the neutral capacity for that portion of the load which consists of electric discharge lighting;
- (b) Except as required otherwise by paragraph (a), a demand factor of 70 per cent may be applied to that portion of the unbalanced load in excess of 200 amperes.

(3) The size of an uninsulated neutral used in services shall be not smaller than the size of an insulated neutral selected in accordance with Subrule (1) and shall be:

- (a) Not smaller than No. 10 AWG copper or No. 8 AWG aluminum; and
- (b) Not smaller than the size of a grounding conductor required by Rule 10-812(1) except in approved service entrance cable, or where the circuit conductors are No. 10 AWG copper or No. 8 AWG aluminum.

(4) In determining the ampacity of an uninsulated neutral conductor run in a raceway, it shall be considered to be insulated with insulation having a temperature rating not higher than that of the adjacent circuit conductors.

**4-022 Common Neutral Conductor.** Providing that when in metal enclosures all conductors of feeder circuits employing a common neutral are contained within the same enclosure, a common neutral may be employed for:

- (a) Two or three sets of three-wire, single-phase feeders; or
- (b) Two sets of four-wire, three-phase feeders.

**4-024 Installation of Neutral Conductor and Branch Connections.** The neutral conductor of feeders shall be run directly from the service box to all centres of distribution and all branch connections to this conductor shall be made at such centres.

**4-026 Identification of Insulated Neutral Conductors Up to and Including No. 2 AWG Copper or Aluminum**



(1) All insulated neutral conductors up to and including No. 2 AWG copper or aluminum and all flexible cords permanently attached thereto shall be identified.

(2) The covering of the other conductor or conductors shall show a continuous colouring contrasting with that of the identified conductor.

**4-028 Identification of Insulated Neutral Conductors Larger Than No. 2 AWG Copper or Aluminum.** For insulated neutral conductors larger than No. 2 AWG copper or aluminum and for those having other than rubber or thermoplastic insulation, identification shall either be continuous, as for No. 2 AWG and smaller, or else each continuous length of conductor shall be suitably labelled or otherwise clearly marked at each end at the time of installation, so that it can be readily identified.

**4-030 Identification of Type MI Neutral Conductors.** Where mineral-insulated cable is used for neutral conductors, and where continuous identification of this type of conductor is, at present, technically impossible in manufacture, each continuous length of conductor shall be permanently and clearly marked at each end at the time of installation, so that it can be readily identified.

#### 4-032 Use of Identified Conductors

(1) An identified conductor shall not be used as a conductor for which identification is not required by these rules except that in armoured cable, aluminum-sheathed cable, and non-metallic sheathed cable work, the identified conductor may be rendered permanently unidentifiable by painting or other suitable means at every point where the separate conductors have been rendered accessible and visible by removal of the outer covering of the cable.

(2) Where armoured cable, aluminum-sheathed cable, or non-metallic sheathed cable containing an identified conductor is used for single-pole 3-way or 4-way switch loops, it shall not be necessary to render the identified conductor permanently unidentifiable at the switch if the connections are made so that an unidentified conductor is the return conductor from the switch to the outlet.

(3) Where armoured cable, aluminum-sheathed cable or non-metallic sheathed cable is used so that the identified conductor forms no part of the circuit, the identified conductor shall be cut off short or other suitable means shall be employed to indicate clearly that the identified conductor does not form part of the circuit and this shall be done at every point where the separate conductors have been rendered inaccessible and visible by removal of the outer covering of the cable.

(4) Where conductors of a multi-wire branch circuit are installed, employing an identified conductor, the continuity of the identified conductor shall be independent of device connections, such as lampholders, receptacles ballasts, etc., so that devices may be disconnected without interrupting the continuity of the identified conductor.

**4-034 Colour Coding of Circuit Conductors.** Where colour coded circuits are required, the following colour coding shall be used, except in the case of service-entrance cable and insofar as

Rules 4-028, 4-030, 6-024, and 12-120 may modify these requirements;

- 1 phase ac  
or dc (2-wire)—1 black and 1 red  
or  
1 black and 1 white\* (where identified conductor is required)
- 1 phase ac  
or dc (3-wire)—1 black, 1 red, and 1 white\*
- 3 phase ac —1 red (phase A), 1 black (phase B), 1 blue (phase C), and 1 white\* (where neutral is required).

*\*Or natural grey*

## SECTION 6—LOW-POTENTIAL SERVICES AND SERVICE EQUIPMENT

### General

**6-000 Scope.** This Section applies to services, service equipment, and metering equipment for installation operating at potentials of 750 volts or less.

### 6-002 Number of Supply Services Permitted

(1) Two or more supply services of the same potential and characteristics shall not be run to any building from the same system of any supply authority except:

- (a) fire pumps;
- (b) emergency lighting;
- (c) multi-occupancy building having readily definable areas separated by partitions having a 3-hour fire rating;
- (d) buildings of a large area;
- (e) where several buildings or sections of buildings may cover a common parking or service area located below the buildings.

(2) When two or more supply services of different voltages or classifications are installed in a building, all consumer services shall be grouped.

(3) The supply for fire-alarm systems shall be taken from the load side of the consumer's service at the first point of distribution after any transformation.

**6-004 Aerial Conductors.** Conductors run aerially between buildings or structures shall be not less than No. 10 AWG copper or No. 8 AWG aluminum, and shall be of type suitable for exposure to the weather as indicated in Table 19.

### 6-006 Underground Services

(1) Service conductors run underground from an underground supply system or from a pole line to a building shall be installed in conduit, or as mineral-insulated cable other than the light-weight type, or as aluminum-sheathed cable, except that, by special permission, conductors or cable assemblies acceptable for direct earth burial may be used.

(2) Conductors installed in conduit shall be of types acceptable for use in wet locations as indicated in Table 19.



(3) Conductors or cable assemblies acceptable for direct earth burial as indicated in Table 19 shall:

- (a) Be without splice or joint from the point of connection to the supply service to the service equipment in the building; and
  - (b) Be installed in accordance with Rule 12-012, with rigid conduit being used for mechanical protection at the point of entrance to the building and, where the supply service is on a pole, from the service fitting on the pole to approximately the bottom of the trench with the conduit formed so as to prevent damage to the emerging conductors in the trench.
- (4) Service conduit entering a building underground shall be suitably drained.

(5) Service conduit connected to an underground supply system shall be sealed with a suitable compound to prevent the entrance of moisture or gases.

**6-008 Service from an Electric Railway System.** A supply service shall not be run to a building from an electric railway system using a ground return, unless the building is connected with the operation of an electric railway.

**6-010 Service Head Location.** The supply end of a service shall be installed:

- (a) In a location satisfactory both to the inspection department and to the supply authority;
- (b) Not less than 15 feet nor more than 30 feet above sidewalk or grade level;
- (c) In such a way that the supply service wires can be maintained at the required ground clearances; and
- (d) So that exposed conductors, which are not higher than windows, doors, and porches shall have a clearance of not less than 3 feet, therefrom.

**6-012 Type of Service Head.** The supply end of a service shall be equipped with an approved raintight service-entrance cap, except that the cap may be dispensed with where mineral-insulated cable or aluminum-sheathed cable is used provided that:

- (a) The cable terminates in a fitting suitable for exposure to the weather; and
- (b) The cables are bent, as may be necessary, so that the emerging conductors point downward.

#### **6-014 Condensation in Service Conduit**

(1) Where in the opinion of the inspection department condensation is likely to occur due to changes in temperature, service conduit or the equivalent shall be either effectively drained or sealed.

(2) The service conduit shall not be terminated on top of the service box except where drained outdoors.

#### **6-016 Support for the Attachment of Service Wires**

(1) Where the exterior wall of any building consists of metal sheathing, or of hollow tile or other form of hollow building block, the wiring contractor shall provide acceptable means for attachment of the supply service wires.

(2) Where service masts are used they shall be assembled from components approved for service mast use and shall be installed in an acceptable manner.

#### **6-018 Service Conductors**

(1) Conductors of a consumer's service which are connected to an overhead supply service at any point above ground on a building shall be installed in rigid metal conduit or in one of the following ways if acceptable:

- (a) Other types of rigid conduit;
- (b) Busway;
- (c) Flexible conduit, the conductors being lead-sheathed;
- (d) Armoured lead-sheathed cable;
- (e) Mineral-insulated cable other than the lightweight type;
- (f) Aluminum-sheathed cable;
- (g) Type ACWU cable;
- (h) Type TECK cable;
- (i) Service entrance cable, Type ASE;
- (j) Service entrance cable, Types SE and USE, provided that:
  - (i) It is protected by approved means if within 7 feet of the ground;
  - (ii) The potential does not exceed 300 volts between conductors and 150 volts to ground;
  - (iii) It is supported at intervals not exceeding 3 feet; and
  - (iv) Except for aluminum-sheathed service entrance cable, it is mounted on insulating supports which hold it not less than 2 inches from a conducting surface if adjacent to such a surface.

(2) That portion of the consumer's service conductors on the supply side of the service head run on the outside walls of buildings may be run as exposed wiring using types of conductors suitable for exposure to the weather.

(3) Consumer's service conductors shall each extend not less than 30 inches beyond the supply end of the consumer's service head and be provided with drip loops.

(4) Consumer's service conductors shall be not less than No. 10 AWG copper wire, nor less than No. 8 AWG aluminum wire.

#### **6-020 Use of Mineral-Insulated and Aluminum-Sheathed Cable**

(1) Mineral-insulated cable and aluminum-sheathed cable may be used for services as specified in Rule 6-018:

- (a) In a multi-conductor construction; or
- (b) In single-conductor construction in sizes larger than No. 4 AWG copper or aluminum.

(2) Mineral-insulated cable and aluminum-sheathed cable may be exposed and secured directly to the surface over which it is run, but subject to protection as specified in Rule 6-022(c).

**6-022 Service Conduit.** Service Conduit shall:

- (a) Have an internal diameter of not less than  $\frac{3}{4}$  inch electrical trade size;
- (b) Contain no other than service conductors and except by special permission only the conductors of one consumer's service; and
- (c) If installed in lanes or driveways less than 6 feet above the grade, be protected by an iron guard of not less than No. 10 MSG secured by bolts or lag screws not less than  $\frac{3}{8}$  inch by  $2\frac{1}{2}$  inches.

**6-024 Bare Neutral Service Conductors.** The neutral conductor of a consumer's service may by special permission be bare, subject to the following conditions:

- (a) The supply is ac and 150 volts or less to ground;
- (b) The neutral of the supply system is grounded in addition to being grounded at the consumer's service; and
- (c) The bare neutral is run in the same protective covering as the other conductors of the service.

**6-026 Services Encased in Concrete or Masonry.** Where service and other conductors are installed in conduit which is run beneath a building or within a wall of concrete or masonry and is surrounded by not less than 2 inches of concrete, masonry or its equivalent, the conductor shall be considered as being outside the building.

**6-028 Service Equipment Location.** Service boxes or other approved service equipment shall be installed in a location satisfactory to both the inspection department and the supply authority and shall be:

- (1)(a) Readily accessible, or have the means of operating them readily accessible;
- (b) Not located in coal bins, clothes closets, bathrooms, stairways, high ambient rooms, dangerous or hazardous locations, nor in any similar undesirable places.
- (c) Except by special permission, placed within the building;
- (d) If placed on the outside of a building or on a pole:
  - (i) Protected from the weather, or be weather-proof; and
  - (ii) Protected from mechanical injury if less than six feet above ground; and
- (e) As close as practicable to the point where the service conductors enter the building.
- (2)(a) A disconnecting means shall be located in each occupancy in a shopping plaza adjacent to the distribution panel, and be readily accessible.
- (b) Each panel located in the area, common to more than one building, such as an underground parking area, shall have a disconnecting means integral with, or adjacent thereto.

**Control and Protective Equipment**

**6-030 Service Boxes.** Service boxes shall consist of a device, manually operable when the box is closed, which will disconnect all ungrounded conductors of the circuit simultaneously at the point of supply, and shall be of a type approved for the use.

**6-032 Location of Overcurrent Device Connection.** Overcurrent devices shall be connected on the load side of the service box or other approved service equipment.

**6-034 Service Boxes, Sealed or Locked.** Where service boxes are sealed or locked by the supply authority they shall not be opened except by an electrical inspector or by an authorized agent of the supply authority.

**6-036 Three-Phase Service Divided into Single-Phase Services.** A two- or three-phase consumer's service may be sub-divided into single-phase sub-services provided that the voltage to ground does not exceed 150 volts from any wire of a single-phase service.

**6-038 Overcurrent Devices Accessible to the Consumer.** If a service supplies one branch circuit only and the service box containing the fuse is to be locked or sealed, overcurrent devices accessible to the consumer shall be inserted in series with the service overcurrent device and on the load side of the meter, but they shall be of a smaller ampacity than the service overcurrent devices, unless the latter be not more than 15 amperes.

**6-040 Current Supply from More Than One System.** Where an installation, or portion thereof, is to be supplied with current from two or more different systems, the switching equipment controlling the various supplies shall be constructed or arranged so that it will be impossible to accidentally switch on current from one source before that from another has been cut off.

**6-042 Service Equipment**

(1) Every consumer's service shall be provided with a main service box except as provided in Subrule (2).

(2) Where the supply is ac, and not more than 150 volts to ground and there are two or more subdivisions of the main service, the main service box is not required if:

- (a) There are not more than six subdivisions of the main service; and
- (b) The subdivision service boxes are grouped.

**6-044 Oil Switches and Oil Circuit Breakers Used as Service Switches**

(1) Isolating switches shall be installed on the supply side and interlocked with oil switches and oil circuit breakers except in the case of metal clad equipment where the primary isolating device shall be considered to be the equivalent of an isolating switch or link.

(2) Where overcurrent trip coils are used for breakers, one shall be installed on each ungrounded conductor of the circuit except that if the capacity of the transformers and the extent of the network supplying the service is sufficiently small, by special permission two trip coils, one in each phase of a four-wire two-phase ungrounded service, may be used.



**6-046 Subdivision of Main Service.** In multiple occupancy and in single occupancy multi-rate service, each subdivision of the main service shall be provided with a separate service box, or equivalent multi-service equipment shall be used, except that by special permission for single occupancy multi-rate services only, where the main service overcurrent devices adequately protect any subdivision of the main service, the separate service box for the subdivision so protected may be omitted.

**6-048 Marking of Service Boxes.** If there be more service boxes than one, each such box shall be labelled in a conspicuous, legible and permanent manner to indicate clearly which installation or portion of an installation it controls.

**6-050 Fuse Enclosures on Service Boxes.** If a service box embodies one or more fuse receptacles, access to which may be had without opening the door, such receptacles and their fuses shall be completely enclosed by a separate door, spring-closed, or having a substantial catch.

**6-052 Wiring Space in Enclosures.** Enclosures for circuit breakers and externally-operated switches shall not be used as junction boxes, troughs, or raceways for conductors feeding through or tapping off to other apparatus.

### Metering Equipment

**6-054 Metering Equipment.** Metering equipment includes any current and potential transformers as well as the associated measuring instruments.

### 6-056 Method of Installing Meter Loops

(1) Meter loops shall be installed so that:

- (a) Conductors between the service box and the meter are inaccessible to unauthorized persons;
- (b) The wiring method is rigid conduit, flexible conduit, electrical metallic-tubing, aluminum-sheathed cable, or armoured cable, except where equivalent protection is provided;
- (c) Spare conductors not less than 18 inches in length are provided at meter or current transformer connection points; and
- (d) A suitable fitting, or service box with meter back-plate is provided.

(2) Metering equipment shall be connected on the load side of the service box except that it may be connected on the supply side where:

- (a) No live parts or wiring are exposed;
- (b) The supply is ac and the potential does not exceed 300 volts between conductors; and
- (c) The rating of the service does not exceed 200 amperes.

(3) Instrument transformers used in connection with meters shall be installed in metal enclosures except when mounted on switchboards or in electrical equipment vaults or otherwise rendered inaccessible to unauthorized persons.

**6-058 Disconnecting Provisions for Meters.** In multiple occupancy and in single occupancy multi-rate service where individual metering is required the conductors to each meter shall be provided with one of the following:

- (a) A separate service box or service equipment; or
- (b) A sealable meter fitting.

### 6-060 Location of Meters

(1) Meters and metering equipment shall be installed in locations satisfactory to both the inspection department and the supply authority and shall be:

- (a) Located as near as practicable to the service box except as provided for in Subrule (2);
- (b) Grouped where practicable;
- (c) Readily accessible;
- (d) Not located in coal bins, clothes closets, bathrooms, stairways, dangerous or hazardous locations, nor in any similar undesirable places; and
- (e) If mounted outdoors, of weatherproof construction or in weatherproof enclosures.

(2) Instrument transformers may be outside the consumer's premises and the meter inside the premises, providing the secondary leads between the instrument transformers and the meter terminal box or test links are continuous and are installed in the same manner as service entrance conductors, with the exception that a service box with disconnecting switch is not required.

**6-062 Minimum Space Required for Meters.** The minimum space provided for meters shall be 12 inches wide, 22 inches high, and be acceptable to the supply authority and the inspection department.

## SECTION 8—CIRCUIT LOADING AND DEMAND FACTORS

### Scope

**8-000 Scope.** This Section covers:

- (a) Conductor ampacities required for services, feeders, and branch circuits; and
- (b) Branch circuit positions required for residential occupancies.

### General

**8-100 Currents Based on Wattage Requirements.** When calculating currents which will result from wattages to be supplied by a single-phase system, the voltage divisors to be used shall be either 120 or 240.

### 8-102 Use of Demand Factors

(1) The size of conductors and switches computed in accordance with this Section shall be the minimum used except that, if the next smaller standard size in common use has an ampacity not more than 5 per cent less than this minimum, the inspection department may, at its discretion, permit the use of the smaller size.

(2) In any case other than a service calculated in accordance with Rules 8-200 and 6-202, where the design of an installation is based on requirements in excess of those given in this Section, the service and feeder capacities shall be increased accordingly.

(3) Where two or more loads are so installed that only one can be used at any one time, the one provid-



ing the greatest demand shall be used in determining the calculated demand.

(4) Where it is known that electric space heating and air conditioning loads are installed and will not be used simultaneously, whichever is the greater load shall be used in calculating the demand.

(5) Where a feeder supplies loads of a cyclic or similar nature such that the maximum connected load will not be supplied at the same time, the ampacity of the feeder conductors may be based on the maximum load that may be connected at any one time.

(6) The ampacity of conductors of feeders or branch circuits shall be in accordance with the Section(s) dealing with the respective equipment being supplied.

(7) Notwithstanding the requirements of this Section, the ampacity of the conductors of a feeder, or of a branch circuit, need not exceed the ampacity of the conductors of the service, or of the feeder from which they are supplied.

#### 8-104 Number of Branch Circuit Positions

(1) In Subrule (2) and other Rules of this Section "single-family dwelling" means a house or housing unit which provides facilities ordinarily required for the accommodation of one family and which has a separate basement, separate heating system, or separate laundry facilities, and includes an individual residential unit or row-housing consisting of two or more such units.

(2) For a single-family dwelling as defined in Subrule (1) the panelboard shall be provided with space for the equivalent of at least the following number of 120-volt branch circuits including two 120/240 volt branch circuits for which the overcurrent protection shall be a minimum of 35 amperes:

- (a) Sixteen—where the ampacity of the service conductors or of feeders from a main service supplying the dwelling does not exceed 60 amperes;
- (b) Twenty-four—where the ampacity of the service conductors or of feeders from a main service supplying the dwelling exceeds 60 amperes.

(3) For a residential unit in a multi-family residence the panelboard shall be provided with space for the equivalent of at least the following number of 120-volt branch circuits including one 120/240 volt branch circuit for which the over-current protection shall be a minimum of 35 amperes:

- (a) Eight—where the ampacity of the service conductors or of the feeders from a main service supplying individual residential units does not exceed 60 amperes;
- (b) Twelve—where the ampacity of the service conductors or of the feeders from a main service supplying individual residential units exceeds 60 amperes.

(4) Notwithstanding 3 (a) and (b), sufficient spaces for overcurrent devices shall be provided in the panelboard for all installed equipment and for future equipment for which wiring provision has been made.

(5) Where conductors intended to supply an electric clothes dryer, are installed and/or where space is provided in the panelboard specified in Subrules (2) and (3) for 120/240 volt three-wire branch circuits for which overcurrent protection shall be a minimum of 35 amperes, the circuit breakers or fuseholders shall be installed at the time of installation of the panelboard.

#### 8-106 Determination of Areas

(1) The living area designated in Rule 8-200 (1) (a) (i), and (ii) shall be determined from the outside dimensions of the ground floor of the dwelling plus 75 per cent of the basement area based on the inside dimensions, plus any area which might normally be used for living purposes on the upper floors.

(2) Where necessary to obtain outside dimensions for individual residential units of row housing they shall be measured from the outside faces of walls where possible and from the inside faces where outside faces are not available.

(3) The living area designated in Rule 8-202 (1) (a), (i), (ii), and (iii) shall be based on the interior dimensions of each residential unit.

#### Services and Feeders

##### 8-200 Single Family Dwellings

(1) For a single family dwelling as defined in Rule 8-104 (1) having a floor area of 800 square feet or more, based on the outside dimensions subject to Rule 8-106 (2), exclusive of the basement, the minimum ampacity of service conductors, or of feeders supplying individual residential units of row-housing shall be based on the greater of (a) or (b):

- (a) (i) A basic load of 5,000 watts for the first 1,000 square feet of living area (see Rule 8-106); plus
- (ii) An additional 1,000 watts for each 1,000 square feet or portion thereof in excess of 1,000 square feet; plus
- (iii) Any electric space heating loads provided for with demand factors as permitted in Section 62 plus any air conditioning loads provided for with individual ratings in excess of 1,500 volt-amperes with a demand factor of 100 per cent, subject to Rule 8-102 (4); plus
- (iv) Any electric range load provided for as follows: 6,000 watts for a single range having a rating of 12 kilowatts or less, plus 40 per cent of the amount by which the rating of the range exceeds 12 kilowatts; plus
- (v) Any loads provided for in addition to those outlined in paragraphs (i) to (iv) inclusive at 25 per cent of the rating of each load with a rating in excess of 1,500 watts if an electric range has been provided for, or 100 per cent of the rating of each load with a rating in excess of 1,500 watts up to a total of 6,000 watts if an electric range has not been provided for;
- (b) 100 amperes.

(2) For a single family dwelling as defined in Rule 8-104 (1) having a floor area of less than 800 square feet, based on the outside dimensions subject to Rule 8-106 (2), exclusive of the basement, the minimum ampacity of service conductors, or of feeders supplying individual residential units or row-housing shall be the greater of Subrule (1) (a) or 60 amperes.

(3) The minimum ampacity of service conductors or of feeder conductors from a main service supplying two or more individual residential units of row-housing shall be based on:

- (a) Subrules (1) and (2), excluding any electric space heating loads and any air conditioning loads, with application of demand factors to the loads as required by Rule 8-202 (2) (a) (i) to (v) inclusive; plus
- (b) the requirements of Rule 8-202 (2) (b) (c) and (d).

### **8-202 Apartments and Other Multi-Family Residences**

(1) The minimum ampacity of service conductors or of feeder conductors from a main service supplying loads in individual residential units shall be the greater of (a) or (b):

- (a) (i) A basic load of 3,500 watts for the first 500 square feet of living area (see Rule 8-106); plus
- (ii) An additional 1,500 watts for the second 500 square feet or portion thereof; plus
- (iii) An additional 1,000 watts for each additional 1,000 square feet or portion thereof in excess of the initial 1,000 square feet; plus
- (iv) Any electric space heating loads provided for with demand factors as permitted in Section 62 plus any air conditioning loads provided for with individual ratings in excess of 1,500 volt-amperes with a demand factor of 100 per cent, subject to Rule 8-102 (4); plus
- (v) Any electric range load provided for as follows: 6,000 watts for a single range having a rating of 12 kilowatts or less, plus 40 per cent of the amount by which the rating of the range exceeds 12 kilowatts; plus
- (vi) Any loads provided for in addition to those outlined in paragraphs (i) to (v) inclusive at 25 per cent of the rating of each load with a rating in excess of 1,500 watts if an electric range has been provided for, or 100 per cent of the rating of each load with a rating in excess of 1,500 watts up to a total of 6,000 watts plus 25 per cent of the load in excess of 6,000 watts if an electric range has not been provided for;
- (b) 60 amperes.

(2) The minimum ampacity of service conductors or of feeder conductors from a main service supply-

ing two or more residential units shall be based on Subrule (1) and the following:

- (a) Excluding any electric space heating loads and any air conditioning loads, the load shall be considered to be:
  - (i) 100 per cent of the load in the unit having the heaviest load; plus
  - (ii) 65 per cent of the sum of the loads in the next two units; plus
  - (iii) 40 per cent of the sum of the loads in the next two units; plus
  - (iv) 25 per cent of the sum of the loads in the next 15 units; plus
  - (v) 10 per cent of the sum of the loads in the remaining units;
- (b) If electric space heating is used, the sum of all the space heating loads, as determined in accordance with the requirements of Section 62, shall be added to the load determined in accordance with paragraph (a), subject to Rule 8-102 (4);
- (c) If air-conditioning is used, the sum of all the air-conditioning loads in excess of 1,500 volt-amperes per unit, with a demand factor of 100 per cent shall be added to the load determined in accordance with paragraphs (a) and (b), subject to Rule 8-102 (4);
- (d) In addition, any lighting, heating and power loads not located in individual units shall be added with a demand factor of 75 per cent.

### **8-204 Schools**

(1) The minimum ampacity of service or feeder conductors shall be based on the following:

- (a) A basic load of 5 watts per square foot of classroom area; plus
- (b) One watt per square foot of the remaining area of the building based on the outside dimensions; plus
- (c) Electric space heating, air-conditioning and power loads based on the rating of the equipment installed.

(2) Demand factors may be applied as follows:

- (a) For a building with an area up to and including 10,000 square feet based on the outside dimensions:
  - (i) As permitted in Section 62 for any electric space heating loads provided for; and
  - (ii) 75 per cent for the balance of the load;
- (b) For a building with an area exceeding 10,000 square feet based on the outside dimensions:
  - (i) As permitted in Section 62 for any electric space heating loads provided for; and



- (ii) The balance of the load may be divided by the number of square feet to obtain a load-per-square-foot rating, and the demand load may be considered to be the sum of:

- (A) 75 per cent of the load-per-square-foot multiplied by 10,000; and

- (B) 50 per cent of the load-per-square-foot multiplied by the area of the building in excess of 10,000 square feet.

### 8-206 Hospitals

(1) The minimum ampacity of service or feeder conductors shall be based on the following:

- (a) A basic load of 2 watts per square foot of the area of the building based on the outside dimensions; plus

- (b) 10 watts per square foot for high intensity area, such as operating rooms; plus

- (c) Electric space heating, air-conditioning and power loads based on the rating of the equipment installed.

(2) Demand factors may be applied as follows:

- (a) For a building with an area up to and including 10,000 square feet based on the outside dimensions:

- (i) As permitted in Section 62 for any electrical space heating loads provided for; and

- (ii) 80 per cent for the balance of the load;

- (b) For a building with an area exceeding 10,000 square feet based on the outside dimensions:

- (i) As permitted in Section 62 for any electric space heating loads provided for; and

- (ii) The balance of the load may be divided by the number of square feet to obtain a load-per-square-foot rating and the demand load may be considered to be the sum of:

- (A) 80 per cent of the load-per-square-foot multiplied by 10,000; and

- (B) 65 per cent of the load-per-square-foot multiplied by the area of the building in excess of 10,000 square feet.

### 8-208 Hotels, Motels, Dormitories and Buildings of Similar Occupancy

(1) The minimum ampacity of service or feeder conductors shall be based on the following:

- (a) A basic load of 2 watts per square foot of the area of the building based on the outside dimensions; plus

- (b) Lighting loads for special areas such as ball-rooms, etc., with a demand factor of 100 per cent; plus

- (c) Electric space heating, air-conditioning and power loads based on the rating of the equipment installed.

(2) Demand factors may be applied as follows:

- (a) For a building with an area up to and including 10,000 square feet based on the outside dimensions:

- (i) As permitted in Section 62 for any electric space heating loads provided for; and

- (ii) 80 per cent for the balance of the load;

- (b) For a building with an area exceeding 10,000 square feet based on the outside dimensions:

- (i) As permitted in Section 62 for any electric space heating loads provided for; and

- (ii) The balance of the load may be divided by the number of square feet to obtain a load-per-square-foot rating and the demand load may be considered to be the sum of:

- (A) 80 per cent of the load-per-square-foot multiplied by 10,000; and

- (B) 65 per cent of the load-per-square-foot multiplied by the area of the building in excess of 10,000 square feet.

**8-210 Other Types of Occupancy.** The minimum ampacity of service or feeder conductors for the types of occupancies specified in Table 14 shall be based on the following:

- (a) A basic load to be calculated on the basis of wattage per square foot required by Table 14 for the area served based on the outside dimensions, with application of demand factors as indicated therein; plus

- (b) Special loads such as electric space heating, air-conditioning, power loads, show window lighting, stage lighting, etc., based on the rating of the equipment installed with such demand factors as are permitted by this Code.

**8-212 Special Lighting Circuits.** Where a panel is supplying special types of lighting, such as exit lights or emergency lights, which may be located throughout a building so that it is not possible to calculate the area served, the connected load of the circuits involved shall be used in determining a feeder size.

### Branch Circuits

### 8-300 Branch Circuits Supplying Electric Ranges

(1) Conductors of a branch circuit supplying a range in a residential occupancy shall be considered as having a demand of:



- (a) 8 kilowatts where the rating of the range does not exceed 12 kilowatts;
- (b) 8 kilowatts plus 40 per cent of the amount that the rating of the range exceeds 12 kilowatts;
- (c) For the purpose of this Subrule two or more separate built-in cooking units in a single residential unit may be considered as one range.

(2) For ranges or cooking units installed in commercial, industrial and institutional establishments, the demand shall be considered as not less than the rating.

(3) The demand loads given in this Rule shall not apply to cord-connected hot-plates, rangettes or other appliances.

### 8-302 Connected Loads

(1) For show window lighting installations, the demand load shall be determined on the assumption that not less than 200 watts will be required per lineal foot, measured along the base of the window(s), except that a lower figure may be used by special permission where circumstances warrant such a reduction.

(2) A continuous load shall be one that continues for 2 hours or longer, or a load of a cycling or intermittent nature that the Inspection Department classes as continuous.

(3) The connected load of a circuit shall not exceed 80 per cent of the circuit capacity unless it can be shown that, in normal operation, the loading is of an intermittent nature.

(4) Voltage drop in an installation shall not exceed 5 per cent from the supply side of the consumer's service (or equivalent) to the point of utilization.

(5) Branch circuits supplying loads which are not specifically permitted to have a lower demand factor in this or other Sections of this Code shall not be allowed a demand factor of less than 100 per cent, except by special permission.

**8-304 Minimum Number of 15 Ampere Branch Circuits.** The minimum number of 15 ampere branch circuits to be provided for in an installation shall be calculated on the basis of a maximum loading of 12 amperes for each such branch circuit.

## SECTION 10—GROUNDING

### Scope and Object

#### 10-000 Scope

(1) This Section covers the protection of electrical installations by grounding.

(2) Insulating, isolating, and guarding may be used as acceptable means of affording supplemental protection to grounding or, where permitted in this Code, as a suitable alternative.

**10-002 Object.** Grounding as required by this Code shall be done in such a manner as to efficiently serve the following purposes:

- (a) To protect life from the danger of electric shock, and property from damage;
- (b) To limit the voltage upon a circuit when exposed to higher voltages than that for which the circuit is designed;
- (c) In general to limit ac circuit voltages to ground to 150 volts or less on circuits supplying interior wiring systems;
- (d) To facilitate the operation of electrical apparatus and systems;
- (e) To limit the voltage on a circuit which might otherwise occur through exposure to lightning.

### System and Circuit Grounding

**10-100 Circuits.** Circuits shall be grounded as necessary in accordance with this Section.

#### 10-102 Two-Wire Direct-Current Systems

(1) Two-wire direct-current systems supplying interior wiring and operating at not more than 300 volts or not less than 50 volts between conductors shall be grounded, unless such system is used for supplying industrial equipment in limited areas and the circuit is equipped with a ground detector.

(2) If such a circuit operates at more than 300 volts between conductors and a neutral point can be established so that the maximum difference of potential between the neutral point and any other point on the system does not exceed 300 volts, the neutral conductor may be grounded.

**10-104 Three-Wire Direct-Current System.** The neutral conductor of all 3-wire direct-current systems supplying interior wiring shall be grounded.

#### 10-106 Alternating-Current Systems

(1) Except as otherwise provided for in this Code, secondary ac systems supplying interior wiring and interior wiring ac systems shall be grounded if:

- (a) By so doing, their maximum potential to ground does not exceed 150 volts; or
- (b) The system incorporates a neutral conductor.

(2) It is recommended that systems exceeding 150 volts to ground either be grounded or provided with a suitable ground detection device to indicate operation of the system with an accidental ground on one phase.

**10-108 Electric Arc Furnace Circuits.** Circuits for electric arc furnaces may, but need not be grounded.

**10-110 Electric Crane Circuits.** Circuits for electric cranes operating over combustible fibres in Class III hazardous locations shall not be grounded.

**10-112 Isolated Circuits.** Special circuits supplied from the secondaries of isolating transformers and used where there is particular accident and fire hazard may be ungrounded.

**10-114 Circuits of Less than 50 Volts.** Circuits of less than 50 volts shall be grounded:

- (a) Where run overhead outside of buildings;

(b) Where supplied by transformers energized from:

(i) Systems of more than 150 volts to ground; or

(ii) Ungrounded systems unless the circuits are provided in accordance with Rule 10-112.

### 10-116 Instrument Transformer Circuits

(1) Where the primary windings of current and potential instrument transformer are connected to circuits of 300 volts or more to ground, the secondary circuits of the transformer shall be grounded.

(2) Where the transformers are on switchboards, the secondary circuits shall be grounded irrespective of the voltage of the circuits.

### Grounding Connections for Systems and Circuits

#### 10-200 Current Over Grounding Conductors

(1) Where wiring systems, circuits, electrical equipment, arresters, cable armour, conduit and other metal raceways are grounded as a protective measure, the grounding shall be arranged so that there is no objectionable passage of current over the grounding conductors.

(2) The temporary currents which are set up under accidental conditions while the grounding conductors are performing their intended protective functions shall not be considered as objectionable.

(3) Where through the use of multiple grounds an objectionable flow of current occurs over the grounding conductor:

- (a) One or more of the grounds shall be abandoned;
- (b) The location of the grounds shall be changed;
- (c) The continuity of the conductor between the grounding connections shall be suitably interrupted; or
- (d) Other effective action shall be taken to limit the current.

**10-202 Grounding Connection for Direct-Current Systems.** Direct-current systems which are to be grounded shall have the grounding connection made at one or more supply stations but not at individual services nor elsewhere on interior wiring.

#### 10-204 Grounding Connections for Alternating-Current Systems

(1) Alternating-current circuits which are to be grounded shall have:

- (a) A connection to a grounding electrode at each individual service, except as provided for in Rule 10-200;
- (b) The grounding connection made on the supply side of the service disconnecting means;
- (c) At least one additional connection to a grounding electrode at the transformer or elsewhere; and
- (d) No connection between the grounded circuit conductor on the load side of the service dis-

connecting means and the grounding electrode, except as provided for in Rule 10-208.

(2) Where the system is grounded at any point, the conductor shall be run to each individual service and be not smaller than the required grounding conductor specified in Table 17 and where the grounded circuit conductor also serves as the neutral conductor, the requirements of Rule 4-020 shall be met.

**10-206 Grounding Connections for Isolating Systems.** For an interior wiring system or circuit which is required to be grounded, and which is not conductively connected to an exterior distribution system, the grounding connection shall be made at the transformer, or other source of supply, or on the supply side of the first switch controlling the system, and:

- (a) The grounding conductor shall be not smaller than that specified in Table 17; and
- (b) If two or more systems are employed, a common system grounding conductor shall be installed unless separate grounding is supplied for each such system, in which case the grounding for the individual systems shall be interconnected.

#### 10-208 Grounding Connections for Two or More Buildings Served by a Single Service.

(1) Where two or more buildings are served by one service, the grounded circuit conductor of the wiring system of any of the buildings shall be connected to a grounding electrode at any building which:

- (a) Uses two or more branch circuits supplied from the service; or
- (b) Houses livestock.

(2) Where a building uses one branch circuit supplied from the service, the grounded circuit conductor may be connected to a grounding electrode at the building.

**10-210 Grounding Conductor Connection to Circuit.** The grounding conductor may be connected to the grounded circuit conductor at any convenient point on the premises on the supply side of the service disconnecting means, or in other suitable service equipment if provided.

#### 10-212 Conductor to be Grounded

(1) For alternating-current interior wiring systems the conductor to be grounded shall be as follows:

- (a) Single-phase, 2-wire—the identified conductor;
- (b) Single-phase, 3-wire—the identified neutral conductor;
- (c) Multi-phase systems having one wire common to all phases—the identified neutral conductor;
- (d) Multi-phase systems having one phase grounded—the identified conductor;
- (e) Multi-phase systems in which one phase is used as in (b)—the identified conductor.

(2) In multi-phase systems in which one phase is used as a single-phase 3-wire system, only one phase shall be grounded.



### Conductor Enclosure Grounding

**10-300 Enclosures for Service Conductors.** Service raceways, service cable sheaths or armouring, if of metal, shall be grounded.

### 10-302 Other Conductor Enclosures

(1) Metal enclosures for conductors, other than those referred to in Rule 10-300, shall be grounded except:

- (a) In runs of less than 25 feet which are free from probable contact with ground, grounded metal, metal lath, or conductive thermal insulation, and which, where within reach from grounded surfaces, are guarded against contact by persons; and
- (b) Runs used for physical protective sleeving of less than 5 feet in length, where the installation method is such that it is improbable they will become energized.

(2) Where single conductor metal sheathed or armoured cables are installed in ducts of insulating material, in order to prevent the flow of sheath currents in accordance with Rule 4-006(1) (c) the cable shall:

- (a) Be in separate ducts or supplied with suitable continuous non-conductive jackets;
- (b) Have their sheaths or armour bounded together and grounded at the supply end; and
- (c) Thereafter have their sheaths or armour isolated from each other and from ground.

### Equipment Grounding

**10-400 Fixed Equipment, General.** Exposed, non-current-carrying metal parts of fixed equipment shall be grounded if the equipment is:

- (a) Supplied by means of metal-clad wiring;
- (b) Located in a wet location and is not isolated;
- (c) Located within reach of a person who can make contact with any grounded surface or object;
- (d) Located within reach of a person standing on the ground;
- (e) In a hazardous location;
- (f) In electrical contact with metal, metal foil or metal lath; or
- (g) To operate with any terminal at more than 150 volts to ground, except:
  - (i) Enclosures for switches or circuit breakers which are accessible to qualified persons only,
  - (ii) Metal frames of electrically-heated devices which have been exempted by special permission and are permanently and effectively insulated from ground, and
  - (iii) Transformers mounted on wooden poles at a height of more than 8 feet from the ground subject to the acceptance of the inspection department and the requirements of the supply authority.

### 10-402 Fixed Equipment, Specific

(1) Exposed, non-current-carrying metal parts of the following kinds of fixed equipment shall be grounded:

- (a) Frames of motors operating at more than 30 volts;
- (b) Cases of controllers for motors;
- (c) Electric equipment of elevators and cranes;
- (d) Electrical equipment in garages, theatres and motion picture studios, except pendant lamp-holders on circuits of not more than 150 volts to ground;
- (e) Motion-picture projection equipment;
- (f) Electric signs and associated equipment;
- (g) Generator frames in an electrically-operated organ, unless the generator is effectively insulated from the ground;
- (h) Switchboard frames and structures supporting switching equipment, except that frames of direct-current, single polarity switchboards need not be grounded if effectively insulated;
- (i) X-ray equipment used in therapy;
- (j) Equipment supplied by Class 1 and 2 circuits falling within the scope of Section 16 where such circuits require grounding to meet the intent of Rules 10-100 to 10-114.

(2) All non-current-carrying metal parts of lighting fixtures and associated equipment which could become energized shall be grounded if they are:

- (a) Exposed; or
- (b) Not exposed, but are in contact with exposed metal parts.

**10-404 In Non-Metallic Wiring Systems.** Where a non-metallic wiring system is used.

- (a) A ground connection shall be provided at all outlets; and
- (b) Metallic boxes shall be grounded.

**10-406 Non-Electrical Equipment.** The following metal parts of non-electrical equipment shall be grounded:

- (1) (a) Frames and tracks of electrically operated cranes;
- (b) The metal frame of a non-electrically driven elevator car to which electric conductors are attached;
- (c) Hand operated metal shifting ropes or cables of electric elevators;
- (d) Metal enclosures such as partitions, grill work, etc., around equipment carrying voltages in excess of 750 volts between conductors, unless in sub-stations or vaults under the sole control of the supply authority.



- (2) (a) Where a private metallic water-supply system is used in connection with premises supplied with electrical power or energy, the water-supply system shall be bonded to a neutral conductor of not less than No. 8 AWG copper wire by means of a bonding conductor of not less than No. 8 AWG copper wire;
- (b) The bonding conductor shall be attached to the water supply system:
- (i) at a point as near to the consumer's service entrance as is practicable; and
  - (ii) at the point where the sub-feeder enters a barn or other building.

#### 10-408 Portable Equipment

(1) Exposed non-current-carrying metal parts of portable equipment shall be grounded under the following conditions:

- (a) When used in hazardous locations unless supplied through an isolating transformer having an ungrounded secondary of not over 50 volts;
  - (b) When CSA Standard C22.2 No. 0.2-1958, Use of Flexible Supply Cords and Fixture Wires with Electric Appliances, or other standards of Part II of this Code, or the inspection department require the appliance or equipment to be provided with grounding means;
  - (c) When the equipment is used in damp or wet locations, or by persons standing on the ground, on metal floors, inside metal tanks or boilers, except where such equipment is supplied through an isolating transformer having an ungrounded secondary of not more than 50 volts;
  - (d) When the equipment operates with any terminal at more than 150 volts to ground except:
    - (i) Motors, where guarded; and
    - (ii) By special permission, the metal frames of electrically heated appliances which are impractical to ground but which are permanently and effectively insulated from ground.
- (2) Exposed non-current-carrying metal parts of enclosures of portable X-ray equipment used in therapy shall be grounded except by special permission.

(3) Notwithstanding Subrules (1) and (2), the following need not be grounded:

- (a) Tools and appliances approved with a protective system of double insulation, or its equivalent, and so marked; and
- (b) Tools and appliances approved with a supply cord which includes a grounding conductor and an attachment plug with a pin for grounding purposes, provided that the tools and appliances are supplied from an approved assembly consisting of ungrounded receptacles forming part of a portable ground fault circuit interrupter approved with a protective system of double insulation, or its equivalent, and so marked.

**10-410 Instrument Transformer Cases.** The cases and frames of instrument transformers shall be grounded but where the primary circuit of a current transformer is not over 150 volts to ground and the transformer is used solely to supply current to meters, the case or frame of the current transformer need not be grounded.

#### 10-412 Cases of Instruments, Meters, and Relays—Operating Voltage 750 Volts or Less

(1) Where instruments, meters, and relays:

- (a) Are not located on switchboards;
- (b) Operate with windings or working parts at between 300 and 750 volts to ground; and
- (c) Are accessible to other than qualified persons;

the cases and other exposed metal parts of the instruments, meters, and relays shall be grounded.

(2) Where instruments, meters, and relays:

- (a) Operate with windings or working parts at 750 volts or less to ground;
- (b) Are on switchboards having no live parts on the front of the panels; and
- (c) Are operated from current and potential transformers or are connected directly in the circuit;

the cases of the instruments, meters, and relays shall be grounded.

(3) Where instruments, meters, and relays:

- (a) Operate with windings or working parts at 750 volts or less to ground;
- (b) Are on switchboards having exposed live parts on the front of the panels; and
- (c) Operate from current and potential transformers or are connected directly in the circuit;

the cases of the instruments, meters, and relays shall not be grounded and, where the voltage to ground exceeds 150 volts, mats of insulating rubber or other suitable floor-insulation shall be provided for the operator.

#### 10-414 Cases of Instruments, Meters, and Relays—Operating Voltage over 750.

Where instruments, meters, and relays, have current-carrying parts over 750 volts to ground, they shall be isolated by elevation or protected by acceptable barriers, grounded metal or insulating covers, or guards and their cases shall not be grounded, except that in electrostatic ground detectors the internal ground segments of the instrument shall be connected to the instrument case and grounded, and the detector shall be isolated by elevation.

#### Methods of Grounding

**10-500 Effective Grounding.** The path to ground from circuits, equipment, or conductor enclosures shall be permanent and continuous and shall have ample carrying capacity to conduct safely any currents liable to be imposed on it, and shall have impedance suffi-

ciently low to limit the potential above ground, and to facilitate the operation of the over-current devices in the circuit.

**10-502 Common Grounding Conductor.** The grounding conductor for circuits may also be used as a common grounding conductor for grounding equipment, conduit, and other metal raceways or enclosures for conductors, including service conduit or cable sheath and service equipment.

**10-504 Common Grounding Electrode.** Where the alternating-current system is connected to a grounding electrode in or at a building as specified in Rules 10-204 and 10-208, the same electrode may be used to ground conductor enclosures and equipment in or on that building.

#### **10-506 Underground Service**

(1) Where an underground service cable is served from a continuous underground metal-sheathed cable system and the sheath or armour of the service cable is metallically connected to the underground system the sheath or armour of the service cable shall not be required to be grounded at the building if it is insulated from the interior conduit or piping.

(2) Where a metal-sheathed service cable is served from a continuous underground metal-sheathed cable system, is bonded to the underground system and is contained in an underground service conduit, the conduit shall not be required to be grounded at the building if it is insulated from the interior conduit or piping.

**10-508 Short Section of Raceway.** Isolated sections of metal raceway or cable armour, if required to be grounded shall preferably be grounded by connecting to other grounded raceway or armour, but may be grounded in accordance with Rule 10-510.

#### **10-510 Fixed Equipment**

(1) Fixed equipment as specified in Rules 10-400 and 10-402 shall, subject to the provisions of Rule 10-510, be grounded in one of the following ways:

- (a) An effective metallic connection to grounded metal raceways or cable armour, except:
  - (i) Armour as specified in Subrules (2) and (3); and/or
  - (ii) Where the raceway or cables are run underground, in locations coming within the scope of Section 22, or otherwise subject to corrosion;
- (b) A grounding conductor which is run with circuit conductors as a part of a cable assembly and which may be uninsulated, but, if provided with an individual covering, the covering shall be finished to show a green colour;
- (c) A separate grounding conductor installed in the same manner as a grounding conductor for conduit and the like; or
- (d) Other acceptable means, subject to special permission.

(2) The armour of those constructions of armoured cables incorporating a grounding conductor shall not

be considered as fulfilling the requirements of a grounding conductor for the purpose of this Rule, and the grounding conductor provided in these cables shall comply with paragraph (b) of Subrule (1).

(3) The armour of flexible metal conduit, standard or liquid-tight, shall not be considered as fulfilling the requirements of a grounding conductor for the purpose of this Rule, and a separate grounding conductor shall be run within the conduit.

#### **10-512 Equipment on Structural Metal**

(1) Electrical equipment secured to and in contact with the grounded structural metal frame of a building, shall be deemed to be grounded.

(2) Metal car frames supported by metal hoisting cables attached to or running over sheaves or drums of elevator machines shall be deemed to be grounded if the machine is grounded in accordance with this Code.

**10-514 Portable Equipment.** Where the non-current-carrying metal parts of portable equipment are required to be grounded, such grounding shall be obtained by:

- (a) Connection of the equipment to a permanent outlet provided with a grounding medium as required by Rule 10-510 for fixed equipment;
- (b) The use of one of the following means to obtain continuity between the non-current-carrying metal parts of the equipment and the permanent grounding medium:
  - (i) The metal enclosure of the conductors feeding the equipment;
  - (ii) A bare conductor, or a green, or green yellow combination, coloured conductor run with the circuit conductors in flexible cords or power supply cables; and
- (c) The use of an approved multi-prong plug by which grounding is automatically established.

#### **10-516 Pendant Equipment**

(1) Where the non-current-carrying metal parts of pendant equipment are required to be grounded, such grounding shall be obtained by:

- (a) Connection of the equipment to a permanent outlet provided with a grounding medium as required by Rule 10-510 for fixed equipment; and
- (b) The use of one of the following means to obtain continuity between the non-current-carrying metal parts of the equipment and the permanent grounding medium:
  - (i) The metal enclosure of the conductors feeding the equipment;
  - (ii) A bare conductor, or a green, or green yellow combination, coloured conductor run with the circuit conductors in flexible cords or power supply cables.

(2) Chains which support electric lighting equipment shall not be used as a means of grounding the non-current-carrying metal parts of the equipment.

**10-518 Pad Mount Transformers.** All exposed non-current-carrying metal parts of pad mount trans-



formers, their enclosures, etc., shall be grounded by a ground electrode consisting of four or more  $\frac{3}{4}$  inch by 10 foot ground rods driven so as to be not less than 6 feet apart, and suitably interconnected with an annealed copper conductor not smaller than No. 2/0 AWG to form a complete loop around the equipment at a distance of at least 3 feet from any part of the equipment; and

- (a) The ground electrode shall be connected to the non-current-carrying metal parts by a copper conductor of:
  - (i) Not less than No. 2/0 AWG where the available short circuit current is 1,000 amperes or more; or
  - (ii) Not less than No. 2 AWG where the available short circuit current is less than 1,000 amperes; and
- (b) Notwithstanding Clause (a) (ii), any grounding conductor that enters the earth shall be not smaller than No. 2/0 AWG;
- (c) The ground electrode shall be interconnected with a continuous metallic water system by a copper conductor of not less than No. 2 AWG, where such is available and the water system utility has no objection; and
- (d) System and equipment grounding conductors shall be effectively interconnected.

#### 10-520 Grounding Equipment to Circuit Conductor

(1) The grounded circuit conductor on the load side of the connection to ground shall not be used for grounding equipment, cable armour, or metal raceways, except by special permission.

(2) The grounded service conductor on the supply side of the service disconnecting means may be used for grounding meter housing and service equipment, but in any case shall be bonded to the meter housing.

**10-522 Electrolytic Type Water Heaters.** Electrolytic type water heaters connected to a grounded single-phase ac circuit may be used provided that:

- (a) A copper grounding conductor of a size given in the second column of Table 16 but in no case less than No. 12 AWG is run connecting the frame of the heater to the grounded conductor of the circuit at the service box; and
- (b) The grounded conductor of the circuit is grounded at the service box to a grounding system.

#### Bonding Methods

**10-600 Clean Surfaces.** Where a non-conductive protective coating such as paint or enamel is used on the equipment, conduit, couplings or fittings, such coating shall be removed from threads and other contact surfaces in order to ensure a good electrical connection.

**10-602 Bonding at Service Equipment.** The electrical continuity of the grounding circuit at the

service equipment shall be assured by one of the means given in Rule 10-604 for the following equipment and enclosures if metallic:

- (a) Service raceways or service armour or sheaths;
- (b) All service equipment enclosures containing service entrance conductors including meter fittings, boxes, or the like, interposed in the service raceway or armour; and
- (c) Any conduit or armour which forms part of the grounding conductor to the service raceway.

**10-604 Means of Assuring Continuity at Service Equipment.** Electrical continuity at service equipment shall be assured by:

- (a) The use of threaded couplings and threaded bosses on enclosures with joints made up tight where metallic rigid conduit is used;
- (b) The use of threadless couplings made up tight where electrical metallic tubing is used;
- (c) The use of bonding jumpers meeting the requirements of Rules 10-614 and 10-906; or
- (d) Other devices (not standard locknuts and bushings) such as grounding bushings specifically approved for the purpose, equipped with bonding jumpers meeting the requirements of Rule 10-614.

#### 10-606 Metal Armour or Tape of Service Cable.

Where service cable has an uninsulated grounded service conductor in continuous electrical contact with its metallic armour or tape, the metal covering shall be considered to be adequately grounded.

**10-608 Bonding at Other than Service Equipment.** The electrical continuity of metal raceway or metal-sheathed cable shall be assured by one of the methods specified in paragraphs (a), (b), (c), and (d) of Rule 10-604 (1), or by the use of:

- (a) Threadless fittings, made up tight with conduit or armoured cable;
- (b) Two locknuts, one inside and one outside of boxes and cabinets; or
- (c) One locknut and a metal conduit bushing provided the bushing can be installed so that it is mechanically secure and makes positive contact with the inside surface of the box or cabinet.

#### 10-610 Loosely Jointed Metal Raceways

(1) Expansion joints and telescoping sections of raceways shall be made electrically continuous by bonding jumpers or other approved means.

(2) Metal trough raceways used in connection with sound recording and reproducing equipment made up in sections, shall contain a grounding conductor to which each section shall be bonded.

**10-612 Hazardous Locations.** In hazardous locations, regardless of the voltage involved, the electrical continuity of metallic raceway, boxes and the like, shall be assured by one of the methods specified in paragraphs (a), (b), (c), (d) and (e) of Rule 10-604.



**10-614 Bonding Jumpers.** Bonding jumpers shall be:

- (a) Of copper or other corrosion-resistant material;
- (b) Of sufficient size to have an ampacity not less than that required for the corresponding grounding conductor except that this ampacity may be determined on the basis of:
  - (i) Table 41, where the conducting path is supplemented by the use of two locknuts and a grounding bushing; or
  - (ii) The maximum size that the terminal on the grounding bushing will accommodate where single conductor metallic-sheathed cables are employed and the sheaths are attached to a grounded metallic plate by connectors, each fitted with a locknut and a grounding bushing;
- (c) Attached to cabinets and similar equipment in a manner specified in Rule 10-906; and
- (d) Attached in a manner specified in Rule 10-908 where used between grounding electrodes or around water meters and the like.

#### Grounding Electrodes

#### 10-700 Grounding Electrodes

(1) Where a continuous electrically conductive underground public water main system, including conductive service piping run therefrom to premises, is available, it shall be used as the grounding electrode.

(2) Where a continuous electrically conductive underground public water main system is not available, a service water pipe from the public water main to premises, if available, shall be used as the grounding electrode provided:

- (a) It is continuously electrically conductive;
- (b) It is placed underground at least 10 inches below the normal permanent moisture level;
- (c) The underground portion extends at least 10 feet beyond the extremities of the premises served; and
- (d) It is supplemented by one or more grounding electrodes referred to in Rule 10-072 if the metallic water piping does not have a ground resistance of 25 ohms or less.

(3) Where a system or piping of the types listed in subrules (1) and (2) is not available, a continuous electrically conductive metallic water-piping system if available, shall be used as the grounding electrode provided the resistance to ground of the system or piping is not greater than 25 ohms.

(4) Where a system or casing of the types listed in Subrules (1), (2), or (3) is not available, a multiple grounded grid or an acceptable artificial ground electrode or electrodes shall be used as the grounding medium.

(5) In any case where two or more of the grounding mediums listed in this Rule appear at premises, the main grounding electrode for the system shall be selected in the order of preference outlined with bonding provided between the available electrodes in accordance with Rule 10-812.

#### 10-702 Artificial Grounding Electrodes

(1) An artificial grounding electrode shall consist of a concrete encased electrode, rod electrode, or plate electrode, or other device acceptable for the purpose.

(2) A concrete encased electrode shall be not less than 20 feet of bare copper conductor of a size specified in Table 43 encased within the bottom 2 inches of a concrete foundation footing which is in direct contact with the earth.

(3) A rod electrode shall:

- (a) Be not less than  $\frac{5}{8}$  inch in diameter if of iron or steel, or  $\frac{1}{2}$  inch in diameter if of non-ferrous metal;
- (b) Be preferably of one piece where less than standard commercial length;
- (c) Be not less than 10 feet in length; and
- (d) Have a clean metal surface which is not covered with paint, enamel, or other poor conducting material.

(4) A plate electrode shall:

- (a) Present not less than 2 square feet of surface to exterior soil;
- (b) Be not less than  $\frac{1}{4}$  inch in thickness if of iron or steel; or 0.06 inch if of non-ferrous metal.

(5) An artificial grounding electrode shall, as far as practicable, be buried at least 10 inches below permanent moisture level.

(6) An artificial grounding electrode shall be buried in a horizontal trench where rock bottom is encountered at a depth of less than 4 feet.

(7) A rod electrode shall be driven to a depth of at least 10 feet regardless of the size or number used, except that:

- (a) Where rock bottom is encountered at a depth of 4 feet or more, it shall be driven to rock bottom; or
- (b) Where rock bottom is encountered at a depth of less than 4 feet, it shall be buried in a horizontal trench and be not less than 10 feet long.

(8) Each electrode shall be separated at least 6 feet from any other electrode including an electrode used for signal circuits, radio, lightning rods, or any other purpose.

(9) Where any or all of the separate grounding electrodes are bonded together, the bonding conductor shall be:

- (a) A copper conductor not smaller than No. 6 AWG;
- (b) Installed so as not to be subject to mechanical damage; and
- (c) Attached to electrodes for power systems in accordance with Rule 10-908 and preferably be attached to other electrodes in the same manner.

**10-704 Resistance of Electrodes**

(1) Buried or driven electrodes shall, if practicable, have a combined resistance to ground not greater than 25 ohms.

(2) Where the resistance to ground of any electrode is higher than 25 ohms, two or more electrodes connected in parallel shall be used.

**10-706 Railway Track as Electrodes.** Rails or other grounded conductors of electric railway circuits shall not be used as a ground for other than railway lightning arresters and railway equipment, metal conduit, armoured or metal sheathed cable, metal raceway, and the like; and in no case shall such rails or other grounded conductors of railway circuits be used for grounding interior wiring systems other than those supplied from the railway circuit itself.

**10-708 Spacing or Bonding of Electrical and Lightning Rod Systems.** Where practicable, a clearance of at least six feet shall be provided between lightning rod conductors and electrical conductors and equipment, but where this separation is not possible, the ground electrodes for the two systems shall be connected together, at or below ground level, with a copper conductor of a size not less than that of the grounding conductor for the electrical system and in no case shall the bonding conductor be smaller than No. 6 AWG copper.

**10-710 Spacing and Bonding of Electrical and Communication System Grounding.** Where separate artificial electrodes are provided as the grounding means for electrical and communication systems, each electrode shall be separated at least 6 feet from any other electrode as required by Rule 10-702(8) and these shall be bonded together in accordance with Rule 10-702(9) (a), (b), and (c).

**10-712 Use of Lightning Rods.** Lightning rod conductors and driven pipes, rods, or other electrodes, excluding buried metallic water-piping systems, used for grounding lightning rods shall not be used for grounding wiring systems or other electrical equipment.

**Grounding Conductors**

**10-800 Continuity of Grounding Conductor.** No automatic cutout or switch shall be placed in the grounding conductor of an interior wiring system unless the opening of the cutout or switch disconnects all sources of energy.

**10-802 Material for System Grounding Conductors.** The grounding conductor of a wiring system whether also used for grounding electrical equipment or not, may be insulated or bare, and shall be of copper.

**10-804 Material for Equipment Grounding Conductors.** The grounding conductor for equipment and for conduit and other metal raceways and enclosures for conductors shall be:

- (a) A conductor of copper or other corrosion-resistant material, insulated or bare;
- (b) A bus bar or steel pipe;

(c) Rigid metal conduit or electrical metallic tubing, except where used underground, or in any other locations where materials having a deteriorating effect may come in contact with the metal in which case a separate conductor as required by paragraph (a) shall be provided;

(d) The sheath of mineral-insulated cable or any conductor of a mineral-insulated cable if it is permanently marked at the time of installation so that it can be readily distinguished from conductors which are not used as grounding conductors, except that if the sheath is of aluminum in an underground run or in a location where materials having a deteriorating effect may come in contact with the metal, corrosion resistant protection suitable for the corrosive condition encountered shall be provided;

(e) The sheath of aluminum-sheathed cable, but if used for underground runs or in locations where materials having a deteriorating effect may come in contact with the metal, corrosion-resistant protection suitable for the corrosive conditions encountered shall be provided; or

(f) Other metallic raceways or cable armour as provided for in Rule 10-510.

**10-806 Installation of System Grounding Conductors**

(1) The grounding conductor for a system shall be without joint or splice throughout its length, except in the case of bus bars or thermit welded joints.

(2) A copper grounding conductor No. 4 AWG or larger may be attached to the surface on which it is carried without the use of knobs, tubes, or insulators, and it need not be protected unless it is exposed to severe mechanical injury.

(3) A No. 6 AWG copper grounding conductor which is free from exposure to mechanical injury may be run along the surface of the building construction without metal covering or protection, if it is rigidly stapled to the construction; otherwise it shall be in conduit, electrical metallic tubing, or cable armour.

(4) A copper grounding conductor of No. 8 AWG shall be in conduit, electrical metallic tubing or cable armour.

(5) Metallic enclosures for grounding conductors shall be continuous from the point of attachment to cabinets or equipment to the grounding electrode and shall be securely fastened to the ground clamp or fitting.

(6) Where a grounding conductor is run in the same raceway with other conductors of the system to which it is connected, it shall be insulated, except that where the length of the raceway does not exceed 50 feet and does not contain more than the equivalent of two quarter bends from end to end, an uninsulated grounding conductor may be used.

**10-808 Installation of Equipment Grounding Conductors**

(1) The grounding conductor for equipment may be spliced or tapped as may be required, but such



splices or taps shall only be made within boxes except in the case of open wiring where they may be made externally from boxes and covered with insulation.

(2) Where more than one grounding conductor enters a box, all such conductors shall be in good electrical contact with each other by means of securing all grounding conductors under grounding screws, or by connecting them together with an acceptable solderless connector and connecting one conductor only to the box by a grounding screw or an approved grounding device, and the arrangement shall be such that the disconnection or removal of a receptacle, fixture, or other device fed from the box, will not interfere with, or interrupt the ground continuity.

(3) Where a grounding conductor is run in the same raceway with other conductors of the system to which it is connected, it shall be insulated, except that where the length of the raceway does not exceed 50 feet and does not contain more than the equivalent of two quarter bends from end to end, an uninsulated grounding conductor may be used.

(4) Where rigid metallic conduit or steel pipe is used as a grounding conductor, the installation shall comply with Section 12.

(5) A copper grounding conductor shall:

- (a) If No. 4 AWG or larger, and attached securely to the surface on which it is carried, be protected where exposed to severe mechanical injury;
- (b) If No. 6 AWG and attached securely to the surface on which it is carried, be protected where exposed to mechanical injury; and
- (c) If smaller than No. 6 AWG, or if the installation does not come within the provisions of paragraphs (a) and (b) of the subrule, be installed and protected in the same manner as the circuit conductors for a given installation.

(6) An aluminum grounding conductor shall:

- (a) If No. 4 AWG or larger and attached securely to the surface on which it is carried, be protected where exposed to mechanical injury;
- (b) If smaller than No. 4 AWG, or if the installation does not come within the provisions of paragraph (a) of this subrule, be installed and protected in the same manner as the circuit conductor for a given installation.

#### **10-810 Grounding Conductor Size for DC Circuits**

(1) The ampacity of the grounding conductor for a direct-current supply system or generator shall be not less than that of the largest conductor supplied by the system, except that where the grounded circuit conductor is a neutral derived from a balancer winding or a balancer set, the size of the grounding conductor shall be not less than that of the neutral conductor.

(2) The system grounding conductor shall be copper and in no case smaller than No. 8 AWG.

**10-812 Grounding Conductor Size for AC Systems and Fixed Equipment.** The size of the grounding conductor shall be:

- (a) Not less than that given in column 2 of Table 17 for an alternating-current system or for a common grounding conductor;
- (b) Not less than that given in column 2, 3, or 4 of Table 18, as applicable for a service raceway, for the metal sheath or armour of a service cable, and for service equipment, where the alternating-current system is not grounded at the premises; and
- (c) Not less than that given in column 2 or 3 of Table 16, as applicable, for conduit, cable sheath, or armour, other metal raceways, or enclosures for conductors, outlets which supply portable or pendent equipment, and fixed equipment.

**10-814 Grounding Conductor Size for Circuits Extended to Portable, Pendent or Fixed Equipment.** The grounding conductor size for circuits run from the outlets referred to in Rule 10-812(c) to equipment shall be not less than that given in columns 2 or 3 of Table 16 as applicable, except where flexible cord having copper conductors in sizes No. 16 AWG and smaller are used, in which case the grounding conductor shall be the same size as the circuit conductor.

**10-816 Grounding Conductor Size for Outline Lighting.** Isolated non-current-carrying metal parts of outline lighting equipment may be bonded together by a No. 14 AWG copper conductor or of equal conductance if of other metal, protected from mechanical injury.

**10-818 Grounding Conductor Size for Instrument Transformers.** The grounding conductor for secondary circuits of instrument transformers and for instrument cases shall be not smaller than No. 12 AWG if of copper, or of equal conductance if of other metal.

#### **Grounded Conductor Connections**

**10-900 Grounding Conductor Connection to Raceway.** The point of connection of the grounding conductor to interior metal raceways, cable armour and the like shall be as near as practicable to the source of supply and shall be chosen so that no raceway or cable armour is grounded through a run of smaller size than is called for in Rule 10-812.

#### **10-902 Grounding Conductor Connection to Water Pipe Electrodes**

(1) Where the grounding electrode is a metallic water-piping system to which a common grounding conductor or the grounding conductor of a system is attached, the point of attachment shall be:

- (a) On the street side of the water meter; or
- (b) On a cold-water pipe of adequate ampacity and as near as practicable to the point of entrance of the water service in the building.

(2) Where practicable, the point of attachment shall be accessible.

(3) Where the point of attachment is not on the street side of the water meter, the metallic water-piping system shall be made electrically continuous by bonding together all parts thereof between the point of



attachment and the street side of the water meter or the pipe entrance, if these parts contain insulating sections or are liable to become disconnected, as at meters, valves, and unions.

(4) Equipment may be grounded to a cold-water pipe which is near the equipment.

#### **10-904 Grounding Conductor Connection to other than Water Pipe Electrodes**

(1) Where a metallic water-piping system is not available, the grounding conductor shall be attached to other electrodes at a point which will assure a permanent ground.

(2) Where practicable, the point of attachment shall be accessible.

#### **10-906 Grounding Conductor Connection to Circuits and Equipment**

(1) The grounding conductor, bond, or bonding jumper shall be attached to circuits, conduits, cabinets, equipment, and the like, which are to be grounded by means of suitable lugs, pressure wire connectors, clamps, or other approved means.

(2) Connections which depend upon solder shall not be used.

(3) The grounding conductor shall be secured to every non-metallic box by means of a grounding screw, which shall be used for no other purpose.

(4) The grounding conductor shall be brought into every non-metallic outlet box in such a manner that it can be connected to any fitting or device which may require grounding.

(5) A bonding jumper shall be installed to connect the grounding conductor to the grounding terminal of a receptacle and in such a manner that disconnection or removal of the receptacle will not interfere with, or interrupt, grounding continuity.

(6) In the case of metallically enclosed systems where the grounding path is provided by the metallic enclosure, a bonding jumper shall be installed to bond the grounding terminal of the receptacle to the enclosure.

(7) Notwithstanding Subrules (5) and (6) the bonding jumper, in the case of receptacles approved with grounding terminals isolated from the mounting strap required for special equipment, may be extended directly back to the distribution panel.

#### **10-908 Grounding Conductor Connection to Electrodes**

(1) The grounding conductor shall be attached to the grounding electrode by means of:

(a) An approved bolted clamp, of cast bronze or brass or of plain or malleable cast iron;

(b) A pipe fitting plug or other approved device screwed into the pipe or into the fitting;

(c) Copper welding by the thermit process; or

(d) Other equally substantial approved means.

(2) The grounding conductor shall be attached to the grounding fitting as required by Rule 10-906(1).

(3) Connections which depend on solder shall not be used.

(4) Not more than one conductor shall be connected to the grounding electrode by a single clamp or fitting, unless the clamp or fitting is of a type approved for multiple conductor connection.

### **Lightning Arresters**

#### **10-1000 Lightning Arresters on Secondary Services—750 Volts or Less**

(1) Where a lightning arrester is installed on a secondary service, the connections to the service conductors and to the grounding conductor shall be as short as possible.

(2) The grounding conductor may be:

(a) The grounded service conductor;

(b) The common grounding conductor;

(c) The service equipment grounding conductor; or

(d) A separate grounding conductor.

(3) The bonding or grounding conductor shall be of copper not smaller than Ao. 6 AWG.

**10-1002 Lightning Arresters on Primary Circuits.** The grounding conductor of a lightning arrester protecting a transformer which supplies a secondary distribution system may be interconnected as follows:

(a) A metallic interconnection may be made to the secondary neutral provided that, in addition to the direct grounding connection at the arrester, the grounded conductor of the secondary has elsewhere a grounding connection to a continuous metallic underground water-piping system;

(b) In urban water pipe areas where there are at least four water pipe connections on the neutral and not less than four such connections in each mile of neutral, the metallic interconnection may be made to the secondary neutral with omission of the direct grounding connection of the arrester;

(c) Where the secondary is not grounded as in (a) above but is otherwise grounded as in Rule 10-504, such interconnection, if made, shall be through a spark gap having a 60 cycle breakdown voltage of at least twice the primary circuit voltage but not necessarily more than 15 kilovolts, and there shall be at least one other ground on the grounded conductor of the secondary at least 20 feet distant from the lightning arrester grounding electrode.

**10-1004 Installation Requirements and Guarding for Lightning Arrester Grounding Conductors.** The grounding conductor for lightning arresters shall:

(a) When enclosed in metallic material be connected to the guard at both ends; and

- (b) Be installed and protected to meet the requirements of Rule 10-806.

## SECTION 12—WIRING METHODS—LOW POTENTIAL 750 VOLTS OR LESS

### SCOPE

**12-000 Scope.** The provisions of Section 12 apply to all wiring installations operating at 750 volts or less, except for:

- (a) Class 2 circuits as provided for in Section 16;
- (b) Communication circuits as provided for in Section 60;
- (c) Conductors which form an integral part of factory built equipment.

### GENERAL REQUIREMENTS

#### 12-010 Wiring in Ducts and Plenum Chambers

(1) No wiring system of any type shall be installed in or run through ducts used for the removal of duct, loose stock or vapour.

(2) Where wiring is run through an air-conditioning duct or plenum chamber or in the duct or plenum chamber to connect to integral fan systems specifically approved for the purpose, the wiring method shall be in accordance with the requirements of Rule 12-100 and, except as noted in subrule (3) below, shall be rigid metal conduit, flexible steel conduit, armoured cable, electrical metallic tubing, aluminum-sheathed cable, or mineral-insulated cable.

#### 12-012 Conductors Buried in Earth

(1) Single conductors and cable assemblies, which do not contain metal sheath or armour in their construction and which are indicated in Table 19 as suitable for direct burial or for use on service entrances below ground and which are so used, shall be installed:

- (a) In a trench which shall be:
  - (i) Not less than 3 feet with suitable mechanical protection for high voltage cables;
  - (ii) Not less than 3 feet where cable passes under an area subject to public vehicular traffic and mechanical protection in the form of non-metallic duct, embedded in concrete or rigid conduit;
- (b) With a layer of sand at least 3 inches deep both above and below the conductors, if in rocky or stony ground;
- (c) So that they do not cross over each other in the trench;
- (d) With mechanical protection in the form of treated planking, a layer of concrete, or other acceptable material which shall be placed over the conductors after first back-filling with 3 inches of sand or earth containing no rocks or stones; and

- (e) With acceptable mechanical protection, as necessary, from the bottom of the trench to at least 12 inches above finished grade, and beyond that as may be required for mechanical protection by other rules of this Code.

(2) Single conductors and cable assemblies, which contain metal sheath or aluminum armour in their construction, not lead-sheathed conductors, and which are indicated in Table 19 as suitable for direct earth burial, or for use on services below ground and which are so used, shall be installed in accordance with Subrule (1), paragraphs (a), (b), (c), and (e).

(3) Single conductors and cable assemblies which contain steel armour in their construction and which are indicated in Table 19 as suitable for direct earth burial or for use on services below ground and which are so used shall be installed:

- (a) In a trench which shall be:
  - (i) Not less than 18 inches deep unless rock bottom is encountered at a lesser depth, in which case a minimum depth of not less than 6 inches deep and grouted with concrete to the level of the rock surface shall be permitted; and
  - (ii) Not less than 24 inches in any case under an area which is subject to vehicular traffic; and
- (b) In accordance with Subrule (1), paragraphs (b), (c), and (e).

(4) Lead-sheathed single conductors and cable assemblies which contain no armour in their construction, and which are indicated in Table 19 as suitable for direct earth burial and which are so used, shall be installed in accordance with Subrule (1), paragraphs (a), (b), (c), (d), and (e).

#### 12-014 Conductors in Hoistways

(1) Where, by special permission, conductors other than those used to furnish energy to the elevator or dumbwaiter are installed in hoistways, they shall be mineral-insulated cable, aluminum-sheathed cable, or be run in rigid conduit or flexible conduit or electrical metallic tubing.

- (2) The cable, conduit, or tubing referred to in Subrule (1) shall be:
  - (a) Securely fastened to the hoistway construction; and
  - (b) Arranged so that terminal, outlet, or junction boxes open outside the hoistway except that pull boxes may be installed in long runs for the purpose of supporting or pulling-in conductors.

#### 12-016 Conductors Between Generators, Transformers, Switchboards, and Other Apparatus.

Conductors between generators, transformers, switchboards, and other apparatus used in connection therewith shall be:

- (a) Exposed to view and supported on noncombustible absorption resisting insulators;
- (b) Run in raceways, tile, or other fireproof duct;
- (c) In the form of mineral-insulated cable, aluminum-sheathed cable; or



- (d) By special permission only, armoured cable.

**12-018 Lightning Rod Conductors.** Where lightning rod conductors are installed, electrical wiring shall, where practicable, be kept at least 6 feet from such conductors except where bonding is provided in accordance with Rule 12-078.

## CONDUCTORS

### General

**12-100 Types of Conductors.** Conductors installed in any location shall be suitable for the condition of use as indicated in Table 19 for the particular location involved and with particular respect to:

- (a) Moisture, if any;
- (b) Corrosive action, if any;
- (c) Temperature;
- (d) Degree of enclosure; and
- (e) Mechanical protection.

### 12-102 Thermoplastic-Insulated Conductors

(1) Conductors having thermoplastic insulation shall not be installed during any time when the ambient temperature is sufficiently low as to be liable to cause damage to the insulation.

(2) Such conductors shall not be so installed as to permit flexing or movement of the conductors after installation if the ambient temperature is liable to become low enough to damage the insulation during flexing or movement.

### 12-104 Flame-Retardant Coverings

(1) Where the insulation on a conductor has a flame-retardant covering, the covering shall be removed sufficiently at terminals and splices to prevent creepage of current over it.

(2) Where insulated conductors are closely grouped behind switchboards and in like places, they shall have a flame-retardant covering.

### 12-106 Multi and Single Conductor Cables

(1) Where multi-conductor cable is used, all conductors of a circuit shall be contained in the same multi-conductor cable except that, where it is necessary to run conductors in parallel due to the capacity of an alternating current circuit, additional cable may be used provided any one such cable includes an equal number of conductors from each phase and the neutral and shall be in accordance with Rule 12-108.

(2) A multi-conductor cable shall not contain circuits of different systems except as permitted in Rule 12-3034.

(3) Where single conductor cables are used, all single conductor cables of a circuit shall be of the same type and temperature rating and if run in parallel shall be in accordance with Rule 12-108.

(4) Single conductor armoured cable used as a current carrying conductor shall be of a type having non-ferrous armour.

### 12-108 Conductors in Parallel

(1) Except as provided for in Subrule (3) conductors of similar conductivity in sizes No. 1/0 AWG copper or aluminum and larger may be in parallel, provided they are:

- (a) Free of splices throughout the total length;
- (b) The same circular mil area;
- (c) The same type of insulation;
- (d) The same length; and
- (e) Terminated at both ends in a wire connector specifically approved for use with conductors in parallel or in individual wire connectors, mounted on a solid bus bar or splitter with a separate screw or stud for each connector to ensure equal division of current.

(2) The orientation of single conductor metal sheathed or armoured cables in parallel, with respect to each other and to those in other phases, shall be such as to minimize the difference in inductive reactance and the unequal division of current.

(3) Conductors of similar conductivity in sizes smaller than No. 1/0 AWG copper may be run in parallel to supply control power to indicating instruments and devices, contactors, relays, solenoid, and similar control devices provided they are:

- (a) Contained within one cable;
- (b) The ampacity of each individual conductor is sufficient to carry the entire load current shared by the paralleled conductors; and
- (c) The overcurrent protection is such that the ampacity of each individual conductor will not be exceeded if one or more of the paralleled conductors becomes inadvertently disconnected.

**12-110 Radii of Bends in Conductors.** The radii of bends in conductors shall be sufficiently large to ensure that no injury is done to the conductors or their insulation, covering, or sheathing.

### 12-112 Conductor Joints and Splices

(1) Unless made with approved solderless wire connectors, joints or splices in insulated conductors shall be soldered, but they shall first be made mechanically and electrically secure.

(2) Joints or splices shall be covered with an insulation approved for the purpose.

(3) Joints or splices in wires and cables shall be accessible.

**12-114 Ends of Insulated Conductors.** Where the ends of insulated conductors at switch and fixture outlets and in like places are not in use, they shall be insulated in the manner prescribed for joints and splices.

### 12-116 Terminating of Conductors

(1) The portion of stranded conductors to be held by wire-binding terminals or solderless wire connectors



shall have the strands confined so that there will be no stray strands to cause either short-circuits or grounds.

(2) Stranded and solid conductors of greater current-carrying capacity than No. 10 AWG copper shall be soldered into lugs at terminals unless solderless wire connectors are used.

### 12-118 Supporting of Conductors

(1) Conductors shall be supported so that no injurious strain is imposed on the terminals of any electrical apparatus or devices or on any joints or taps.

(2) Conductors in vertical raceways shall be supported independently of the terminal connections and at intervals not exceeding those specified in Table 21, and such supports shall maintain the continuity of the raceway system without injury to the conductors or their covering.

(3) Conductors in raceways shall not hang over the edges of bushings, bends or fittings of any kind in such a manner that the insulation may be damaged.

### 12-120 Colour of Conductors

(1) No conductor finished to show a green colour shall be used for any purpose other than a grounding conductor.

(2) Where the mid-point of one phase of a 4-wire delta-connected secondary is grounded to supply lighting and similar loads, that phase conductor having the higher voltage to ground shall be indicated by painting or other effective means at any point where:

- (a) A connection is to be made; and
- (b) The grounded conductor is present.

(3) Where a panelboard is supplied for a 4-wire delta connected system the grounded conductor referred to in subrule (2) shall be located in a compartment provided for single phase connections and the phase conductor having the higher voltage to ground shall be suitably barriered from that compartment.

### Open Wiring

**12-200 Open Wiring Rules.** Rules 12-202 to 12-224 apply only to single conductors run as open wiring.

**12-202 Types of Conductors.** Conductors shall be of types specified in Rules 12-100 and 12-102.

### 12-204 Spacing of Conductors

(1) Spacings between conductors and between conductors and adjacent surfaces shall, except as otherwise provided for in this Rule, comply with the following:

- (a) For normally dry locations the spacings shall be not less than those specified in Table 20;
- (b) Where circuits of different voltages are run parallel to each other, the separation between adjacent conductors of the different circuits shall be not less than that specified in Table 20 for conductors of the circuit having the higher voltage;
- (c) In damp locations, a separation of at least 1 inch shall be maintained between conductors and adjacent surfaces.

(2) In all locations, a separation of at least 1 inch shall be maintained between conductors and adjacent metallic piping or conducting materials.

(3) Where conductors are run across the open faces of joists, studs, or timber, the separation between conductors shall be as specified in Rule 12-044.

(4) At connections to fittings and devices or in other cases where it is not practical to maintain the spacings specified above, individual conductors shall be encased in porcelain tubes or continuous lengths of flexible tubing, but:

- (a) The porcelain tubes or flexible tubing shall extend the full length of the conductor between points of support; and
- (b) The flexible tubing shall not be used in damp locations, unless a spacing of not less than 1 inch can be maintained between the tubing and any wet or conducting surfaces.

### 12-206 Conductor Supports

(1) Conductors shall be supported rigidly on incombustible, absorption-resisting insulators.

(2) Split knobs shall not be used to support conductors larger than No. 8 AWG.

(3) Conductors supported on solid knobs shall be securely tied thereto by tie wires having insulation of the same type as that on the conductors which they secure.

(4) Where used on metal surfaces, thermoplastic-insulated conductors shall not be mounted in split knobs or cleats.

**12-208 Conductors on Flat Surfaces.** Where conductors are run on flat surfaces, they shall be supported rigidly at intervals of not more than 4½ feet.

**12-210 Material for Attachment of Conductor Supports.** Knobs and cleats shall be fastened securely with screws.

### 12-212 Protection from Mechanical Injury

(1) Where conductors are supported on or run across the open faces of joists, wall-studs, or other timber, or on walls where exposed to mechanical injury, they shall be protected by running-boards, guard-strips, wooden boxing or sleeves of iron pipe.

(2) Where conductors are not exposed to mechanical injury, they may be run directly from timber to timber, but shall be:

- (a) Of not less than No. 8 AWG;
- (b) Separated from each other by not less than 6 inches; and
- (c) Supported at each timber.

(3) Open wiring shall not be run across the tops of ceiling joists in unfinished attics or like places.

### 12-214 Material for Running-Boards, Guard-Strips and Boxing

(1) Material for running-boards, guard-strips and boxing shall be at least ¾ inch thick and the edges of running-boards shall project at least ½ inch beyond the insulators on both sides.

(2) Guard-strips shall be at least as high as the insulators and placed as close to the conductors as Table 20 permits.

(3) In wooden boxing, there shall be a clear space of at least 1 inch between conductors and adjacent surfaces, and the ends of boxing not abutting on the structure of the building shall be closed.

#### 12-216 Ends of Conductors

(1) Conductors shall not be brought to a dead-end at any fitting distant more than 12 inches from the last supporting insulator.

(2) Where conductors of No. 8 AWG or larger are run as open wiring, solid knobs or strain insulators shall be used at the ends of the run.

#### 12-218 Conductors Passing Through Walls or Floors

(1) Where a conductor passes through walls, floors, timbers, or partitions, it shall be bushed:

(a) Where not exposed to mechanical injury, with a continuous porcelain tube; or

(b) Where exposed to mechanical injury, with a single sleeve of iron pipe enclosing all conductors of the circuit and each conductor shall be separately encased in a continuous length of flexible tubing extending the full distance between the insulators next adjacent to the ends of the sleeve.

(2) The bushing shall be secured in place and shall project at least  $\frac{1}{2}$  inch beyond the finished surface from which it issues.

**12-220 Maintaining Clearances.** Sub-bases shall be installed under all surface-mounted snap switches and receptacles unless adequate clearances are otherwise maintained.

**12-222 Where Open Wiring Connects to Other Systems of Wiring.** Where open wiring is connected to conductors in raceways, armoured cable, or non-metallic sheathed cable, the junction shall be made in a box, or at, or in, a fitting having a separately bushed hole for each conductor.

**12-224 Provision for Grounding.** Where open wiring is used, provision for grounding shall be made in accordance with the Section 10 requirements.

#### Exposed Wiring on Exteriors of Buildings and Between Buildings on the Same Premises

**12-300 Exterior Exposed Wiring Rules.** Rules 12-302 to 12-318 apply only to exposed wiring run on the exterior surfaces of buildings or between buildings on the same premises.

**12-302 Types of Conductors.** Conductors shall be of types suitable for exposure to the weather as indicated in Table 19.

#### 12-304 Location of Conductors

(1) Subject to the provisions of Rule 6-010, where the conductors are supported on or in close proximity to the exterior surfaces of buildings they shall be

installed and protected so that they shall not be a hazard to persons or be exposed to mechanical injury, and they shall not, without special permission, be less than 15 feet from the ground.

(2) Where the conductors are exposed to mechanical injury from awnings, swinging signs, shutters, or other movable objects, they shall be run in rigid conduit made water-tight.

#### 12-306 Conductor Supports

(1) Conductors on the exterior surfaces of buildings shall be supported by brackets, racks, insulators, or other acceptable means at intervals of not more than 9 feet and the individual conductors shall be distant at least 6 inches from one another and at least 2 inches from the adjacent surfaces.

(2) Where petticoat insulators are used, they shall be installed at intervals of not more than 15 feet under normal conditions and at smaller intervals where the conductors are subject to disturbance, and shall be located so as to hold the individual conductors at least 12 inches apart and at least 2 inches from adjacent surfaces.

(3) Where the conductors are not exposed to the weather, they may be supported on glass or porcelain knobs placed at intervals of not more than  $4\frac{1}{2}$  feet and holding the conductors at least 1 inch from adjacent surfaces.

(4) Where conductors having a voltage of 220 volts or less and conductors of more than 220 volts, but not exceeding 750 volts are mounted on the same pole, the conductors of the higher voltages shall be mounted above and kept distant at least 12 inches from the conductors of the lower voltage.

#### 12-308 Minimum Size of Overhead Conductors

(1) Single conductors run aerially between buildings or supports on the same premises in spans exceeding 15 feet shall be not smaller than No. 10 AWG copper or No. 6 aluminum.

(2) Where the span exceeds 50 feet but not 100 feet, the minimum size of conductor shall be No. 8 AWG copper or No. 4 AWG aluminum.

(3) Where the span exceeds 100 feet but not 135 feet, the minimum size of conductor shall be No. 6 AWG copper or No. 3 AWG aluminum.

**12-310 Clearance of Conductors.** The conductors shall be located or guarded so that they cannot be reached by a person standing on a fire escape, flat roof, or other portion of a building, and they shall be at least 8 feet above the highest point of a flat roof or roof that can be readily walked upon and at least 3 feet above peaked roofs or the highest point of roofs that cannot be readily walked upon except that, by special permission, they may be less than 8 feet but not less than 6 feet above the highest point of a flat roof or roofs that can be readily walked upon.

**12-312 Conductors over Buildings.** Conductors shall not be carried over buildings without special permission, and work shall not be begun until the plans and specifications for the work are approved by the inspection department.



**12-314 Conductors on Trestles.** Where the conductors pass over buildings, they shall, where practicable, be supported on structures not connected to the building but, where not practicable, they shall be supported on and secured to trestles constructed of steel or other acceptable material.

**12-316 Power Supply Conductors.** The conductors of a power supply system attached to the exterior surfaces of buildings shall be at least 4 inches from the conductors of a communication system unless one system is in conduit or is permanently separated from other systems by a continuous fixed non-conductor other than the insulation on the conductors.

**12-318 Use of Neutral Supported Cables.** When neutral supported cables are used the following requirements shall apply:

- (a) They shall not be mounted directly on any surface;
- (b) They shall be secured so that they will be not less than:
  - (i) 3 feet from a building in the case of Type NS-1; and
  - (ii) 2 inches from a building in the case of Type NSF-2;
- (c) They shall be supported in spans of not more than 125 feet in length;
- (d) The conductors shall be secured to the messenger at all terminations;
- (e) Where aluminum conductors are used, wire connectors approved for use with such conductors shall be used; and
- (f) The bare neutral (messenger) when used as a neutral conductor forming part of an electrical circuit shall be:
  - (i) Supplied from a grounded ac system;
  - (ii) Attached to an insulator at points of support and at terminations; and
  - (iii) Not connected to or in contact with any grounded surface except as permitted by other rules of this Code.

#### **Concealed Knob-And-Tube Wiring**

**12-400 Concealed Knob-and-Tube Wiring Rules.** Rules 12-402 to 12-442 apply only to concealed knob-and-tube wiring.

**12-402 Maximum Potential.** Knob-and-tube wiring shall not be used for potentials exceeding 150 volts to ground or 300 volts between any two conductors.

**12-404 Types of Conductors.** Conductors shall be of types acceptable for concealed knob-and-tube wiring as indicated in Table 19.

**12-406 Spacing of Conductors.** Conductors shall be separated from each other by a distance of at least 4 inches and from adjacent surfaces by a distance of at least 1 inch, except that:

- (a) At distribution centres, meters, outlets, switches, and places where 4-inch separation cannot be maintained between conductors, each conductor shall be encased in a continuous length of flexible tubing extending from within the distribution box, meter, outlet box, or switch box to the nearest supporting knob; or
- (b) Where conductors approach at any point within 1 inch of other electrical conductors or of metallic piping or other conducting material, they shall be protected in the manner prescribed by Rule 12-036 (4).

**12-408 Conductors Passing Through Walls or Floors.** Where conductors pass through walls, floors, timbers, or partitions, they shall be protected in the manner prescribed by Rule 12-056.

#### **12-410 Conductor Supports**

(1) Conductors shall be supported separately on incombustible, absorption-resisting insulators.

(2) Split knobs shall not be used to support conductors larger than No. 8 AWG.

(3) Conductors supported on solid knobs shall be securely tied thereto by tie-wires having insulation of the same type as that on the conductors which they secure.

#### **12-412 Conductors on Flat Surfaces**

(1) Conductors shall be run singly on separate timbers or studding where practicable and shall be supported rigidly at intervals of not more than 4½ feet.

(2) Where conductors of No. 8 AWG or larger are run as knob-and-tube wiring, solid knobs or strain insulators shall be used at the ends of the run.

**12-414 Material for Attachment of Conductor Supports.** Knobs shall be fastened securely with screws.

**12-416 Conductors in Plastered Partitions.** Where conductors pass through or near cross-timbers in spaces behind plastering, the parts of the conductors which are within a distance of 3 inches measured vertically above the upper surface of the cross-timbers shall be protected by porcelain tubes.

#### **12-418 Where Conductor Supports Cannot Be Attached**

(1) Where it is impracticable to use insulating supports in any portion of an installation and the conductors are in a dry location, they may be fished, and shall be run separately, in flexible tubing extending in continuous lengths between supports, from a support to an outlet or between outlets; or some other wiring method providing mechanical protection for the conductors shall be used.

(2) There shall be no joints or splices in the conductors within their protective coverings.

**12-420 Where Knob-and-Tube Wiring Connects to Other Systems of Wiring.** Where knob-and-tube wiring is connected to conductors in raceways, armoured cable, or non-metallic sheathed cable, the junction shall be made in a box having a separately bushed hole for each conductor.



**12-422 Provision for Grounding**

Where knob-and-tube wiring is used, provision for grounding shall be made in accordance with Section 10 requirements.

**Bare Bus Bars and Risers****12-500 Where Bare Bus Bars May be Used**

(1) Bare conductors shall not be used as main risers or feeders in buildings unless special permission is obtained.

(2) Special permission shall not be granted unless:

- (a) The building is of fire-proof construction;
- (b) The conductors are placed in a chase, channel, or shaft located or guarded so that the conductors are inaccessible;
- (c) The premises do not constitute a hazardous location;
- (d) Suitable cut-offs to protect against the vertical spread of fire are provided where floors are pierced; and
- (e) The mechanical and electrical features of the installation and the conductor supports are, in the opinion of an inspector, appropriate to the operating and maintenance conditions likely to occur.

**Non-Metallic Sheathed Cable**

**12-600 Non-metallic Sheathed Cable Rules.** Rules 12-602 to 12-626 shall apply only to conductors run as non-metallic sheathed cable.

**12-602 Maximum Potential.** Non-metallic sheathed cable shall not be used where the potential exceeds 300 volts between any two conductors.

**12-604 Use.** Non-metallic sheathed cable may be installed in or on buildings of combustible (ordinary or wood frame) construction, and in or on buildings of other types of construction as the inspection department may permit.

**12-606 Method of Installation**

(1) The cable shall be run in continuous lengths between outlet boxes, junction boxes, and panel boxes as a loop system, and the joints, splices, and taps shall be made in the boxes.

(2) Where concealed wiring is connected to non-metallic sheathed cable, the junction shall be made in a box.

(3) Where open wiring is connected to non-metallic sheathed cable, the junction shall be made in a box or at in a fitting having a separately bushed hole for each conductor.

**12-608 Bending of Cable.** The cable shall not be bent or handled so that the covering is damaged.

**12-610 Cable Supports.** Where the cable is run between outlets, it shall be secured by straps or other approved devices located within 12 inches of every box or fitting and at intervals of not more than 4½ feet throughout the run.

**12-612 Not to be Embedded.** The cable shall not be buried in plaster, cement, or similar finish.

**12-614 Protection on Joists and Rafters.** Cables shall not be run on or across:

- (a) The upper faces of ceiling joists or the lower faces of rafters in attic or roof spaces, where the vertical distance between the joists and the rafters exceeds three feet; or
- (b) The lower faces of basement joists, unless suitably protected from mechanical injury.

**12-616 Protection For Cable In Concealed Installations**

(1) Where the cable is run through studs, joists, or similar wooden members, the outer surfaces of the cable shall be kept distant at least 1¼ inches from the edges of the wooden members, or the cable shall be effectively protected from mechanical injury.

(2) Where the cable is run through or along metallic studs, joists or similar members, it shall be:

- (a) So located to be effectively protected from mechanical injury both during and after installation;
- (b) Protected where it passes through a member by an approved insert of insulating material adequately secured to the opening in the member; and
- (c) Supported where it runs along or parallel to the stud on supports of insulating material to ensure isolation from the ungrounded metal.

(3) Where the cable is installed immediately behind a baseboard, it shall be effectively protected from mechanical injury from driven nails.

**12-618 Protection For Cable In Exposed Installations.** Cable used in exposed wiring shall be adequately protected against mechanical damage where it passes through a floor, is less than 5 feet above a floor, or where exposed to mechanical damage.

**12-620 Fished Cable Installation.** Where the cable is used in concealed wiring and it is impracticable to provide the supports required by Rule 12-610 the cable may be fished.

**12-622 Where Outlet Boxes Are Not Required**

(1) Where the cable is exposed, approved switch, outlet, and tap devices of insulating material may be used without boxes.

(2) The openings in the devices shall fit closely around the outer covering of the cable.

(3) The device shall fully enclose any part of the cable from which any part of the covering has been removed.

(4) Where the conductors are connected to the devices by binding-screw terminals, there shall be as many screws as there are conductors unless the cables are clamped within the device or the terminals are of a type approved for the purpose.

**12-624 Types of Boxes and Fittings**

(1) Boxes and fittings shall be of a type approved for use with non-metallic sheathed cable.

(2) Where grounded metal boxes are not required by these rules, outlet and switch boxes may be of fire-resisting moulded composition insulating material, furnished with a cover of the same material.

**12-626 Provision for Grounding.** Where non-metallic sheathed cable is used, provision for grounding shall be made in accordance with Section 10.

**Armoured Cable**

**12-700 Armoured-Cable Work Rules.** Rules 12-702 to 12-718 apply only to armoured-cable work.

**12-702 Use**

(1) Armoured-cable may be installed in or on buildings or portions of buildings of either combustible or other than combustible types of construction.

(2) Except as noted in Subrule (3), armoured-cable shall be of the type listed in Table 19 as suitable for direct burial if used:

- (a) For underground runs;
- (b) For circuits embedded in masonry, concrete, or fill in buildings in course of construction; or
- (c) In locations where it will be exposed to weather, continuous moisture, excessive humidity, or to oil or other substances having a deteriorating effect on rubber insulation.

(3) Armoured-cable which has the armouring made wholly or in part of aluminum shall not be embedded in concrete containing reinforcing steel unless:

- (a) The concrete is known to contain no chloride additives; or
- (b) The armour has been treated with an approved bituminous base paint or other approved means to prevent galvanic corrosion of the aluminum.

(4) Where armoured-cables are laid in or under cinders or cinder concrete, they shall be protected from corrosive action by a grouting of non-cinder concrete at least one inch thick entirely surrounding them unless they are 18 inches or more under the cinders or cinder concrete.

(5) In buildings of fire-proof construction where branch circuits of armoured-cable have conductors not larger than No. 10 AWG, the branch circuits may be laid on the face of the masonry or other material of which the walls and ceiling are constructed and may be buried in the plaster finish.

**12-704 Protection for Armoured-Cables in Lanes** If subject to mechanical injury and unless otherwise protected, acceptable steel guards of not less than No. 10 MSG, adequately secured, must be installed to protect armoured-cables less than 6 feet above grade in lanes and driveways.

**12-706 Use of Thermoplastic Covered Armoured Cable.** Armoured cable of the type listed in Table 19 as suitable for direct earth burial and which has a thermoplastic outer covering, shall only be used where the outer covering will not be subjected to mechanical injury.

**12-708 Continuity of Armoured Cable.** The armour of cables shall be mechanically and electrically continuous throughout and shall be mechanically and electrically secured to all equipment to which it is attached, except that the lead-sheath of lead-sheathed armoured cable need not be bonded.

**12-710 Terminating Armoured Cable**

(1) Where conductors issue from armour, they shall be protected from abrasion:

- (a) By acceptable bushings of insulating material or equivalent devices; or
- (b) By the sheath of lead-sheathed armoured cable.

(2) Where conductors are No. 4 AWG or larger, such protection shall consist of:

- (a) Insulated type bushings, unless the equipment is equipped with a hub having a smoothly rounded throat; or
- (b) Insulating material fastened securely in place which will separate the conductors from the armoured cable fittings and afford adequate resistance to mechanical injury.

(3) Where armoured cable is fastened to equipment, the connector or clamp shall be of such design as to leave the insulating bushing or its equivalent, or the end of the lead sheath, visible for inspection.

(4) Where conductors connected to open wiring issue from the ends of armouring, they shall be protected with approved boxes or with fittings having a separately bushed hole for each conductor.

(5) Where lead-sheathed armoured cables are used in locations where moisture may accumulate, a pothead or equivalent device shall be used to protect the conductors from moisture and mechanical injury at their point of issue from the lead-sheathing.

**12-712 Proximity to Knob-and-Tube and Non-metallic-Sheathed Cable Systems.** Where armoured cable is used in a building in which concealed knob-and-tube wiring or concealed non-metallic sheathed-cable wiring is installed, the cable shall not be fished if there is a possibility of damage to the existing wiring.

**12-714 Radii of Bends in Armoured Cables**

(1) Where armoured cables are bent during installation, the radius of the curve of the inner edge of the bends shall be at least 6 times the internal diameter of the armoured cable.

(2) Where lead-sheathed armoured cable is used, the radius of the curve of the inner edge of the bends shall be at least 10 times the internal diameter of the armoured cable.

(3) Bends shall be made without undue distortion of the armour and without injury to its inner or outer surfaces.

**12-716 Concealed Armoured-Cable Installation**

(1) Where armoured cable is run through studs, joists, or other wooden members, it shall be:

- (a) Located so that its outer circumference is at least  $1\frac{1}{4}$  inches from the nearest edge of the wooden members; or



- (b) Protected from mechanical injury where it passes through the holes in the wooden members.

(2) Where armoured cable is installed immediately behind baseboards, it shall be protected from mechanical injury from driven nails.

**12-718 Armoured Cable Supports.** Armoured cables shall be supported independently of equipment to which they are fastened and shall be secured in place by approved fastenings located not more than 1 foot from the equipment and not more than 4½ feet apart, except where the armoured cable is fished.

#### **Mineral-Insulated and Aluminum-Sheathed Cable**

**12-800 Mineral-Insulated and Aluminum-Sheathed Cable Rules.** Rules 12-802 to 12-816 cover the installation of mineral-insulated and aluminum-sheathed cable and are amendatory of the other rules of this Code where they apply.

#### **12-802 Use**

(1) Mineral-insulated cable and aluminum-sheathed cable may be installed in or on buildings or portions of buildings of either combustible or other than combustible types of construction.

(2) Light-weight mineral-insulated cable shall be used only in multi-conductor assemblies.

#### **12-804 Use When Embedded**

(1) Mineral-insulated cable and, round aluminum-sheathed cable, except as noted in Subrule (3) of this Rule, may be used for underplaster extensions from existing outlets only, or when embedded in masonry or concrete.

(2) Except as noted in Subrule (3) of this Rule, flat two-conductor aluminum-sheathed cable may be used for underplaster extensions from existing outlets only, or where embedded in masonry, or concrete, by special permission only.

(3) Cable having an aluminum sheath shall not be embedded in concrete containing reinforcing steel unless:

- (a) The concrete is known to contain no chloride additives; or
- (b) The sheath has been treated with an approved bituminous base paint or other approved means to prevent galvanic corrosion of the aluminum.

**12-806 In Ducts or Plenum Chambers.** Mineral-insulated and aluminum-sheathed cable may be used in air-conditioning ducts and plenum chambers when provided with acceptable fittings.

#### **12-808 Method of Supporting**

(1) Mineral-insulated and aluminum-sheathed cable shall be securely supported by staples, straps, hangers, or similar fittings in such a manner as not to:

- (a) Injure the sheath of the cable; or
- (b) Subject the cable or its termination fittings to undue strain.

(2) Mineral-insulated and aluminum-sheathed cable shall be secured at intervals not exceeding 6 feet, except where the cable is fished and adequate supports are installed, if needed, adjacent to termination fittings.

(3) When settlement of a structure may occur due to weight of contents as in certain grain storage occupancies, provision shall be made so that mineral-insulated and aluminum-sheathed cable runs, including their termination fittings, will not be subjected to undue strain.

(4) Mineral-insulated and aluminum-sheathed cable may be run on the surface of walls, partitions, ceilings, or on or across structural members, subject to the applicable requirements of Rule 12-810.

#### **12-810 Mechanical Protection**

(1) Where subject to mechanical injury, mineral-insulated and aluminum-sheathed cable shall be suitably protected.

(2) Where mineral-insulated or aluminum-sheathed cable is installed on the face of a wall, partition, ceiling, or structural member within 5 feet of the floor, and in all locations where subject to mechanical injury as for instance from industrial tractors, other vehicles, equipment, stock piling, or excessive vibration, a suitable safeguard against such injury shall be provided.

(3) Mineral-insulated or aluminum-sheathed cable shall be protected, located, or arranged so that a 2½-inch common nail cannot be driven into it, where the cable is:

- (a) Run through bored or notched holes or grooves in wooden structural members;
- (b) Secured directly to the underside of wooden flooring;
- (c) Located behind baseboards or casings.

(4) In order to comply with Subrule (3), the hole, groove, or supporting strap containing the cable may be sufficiently oversized to permit the cable to move a distance equal to at least the radius of the cable.

(5) Where mineral-insulated or aluminum-sheathed cable passes from a point above grade to direct earth burial and is not otherwise protected against mechanical injury, a suitable pipe stubup shall be arranged to encase the cable to a point where practicable at least 12 inches above grade and, in locations where frost heaving may occur, the encasement shall slide freely on the cable, so as to avoid injury thereto.

#### **12-812 Radial of Bends**

(1) The radius of the curve on the inner edge of bends made on mineral-insulated cable shall be not less than six times the external diameter of the sheath and shall be made so as not to damage the outer sheath.

(2) The radius of the curve on the inner edge of bends made on aluminum-sheathed cable shall be not less than:



- (a) Ten times the external diameter of the sheath for cable not more than  $\frac{3}{4}$  inch in external diameter;
- (b) Twelve times the external diameter of the sheath for cable more than  $\frac{3}{4}$  inch but not more than  $1\frac{1}{2}$  inches in external diameter; and
- (c) Fifteen times the external diameter of the sheath for cable more than  $1\frac{1}{2}$  inches in external diameter.

**12-814 Termination of Mineral-Insulated Cable.**

At all points where mineral-insulated cable terminates:

- (a) The end of the cable shall be sealed immediately after stripping to prevent entrance of moisture to the insulation;
- (b) Each conductor extended beyond the sheath shall be provided with the proper insulation; and
- (c) Box connectors used with mineral-insulated cable shall be of types approved specifically for use with this cable.

**12-816 Connection to Other Forms of Wiring.**

Where mineral-insulated or aluminum-sheathed cable is connected to other forms of wiring, the junction shall be made in a box, or at, or in, a fitting having a separately bushed hole for each conductor.

**RACEWAYS****General**

**12-1000 Raceway Rules.** Rules 12-1002 to 12-1036 apply only to conductors run in raceways.

**12-1002 Types of Conductors.** Conductors shall be of types suitable for use in raceways as indicated in Table 19.

**12-1004 Conductors in Raceways**

(1) Where conductors are placed in raceways all conductors of a circuit shall be contained in the same raceway, or in the same channel of a multiple channel raceway, except that where it is necessary to run conductors in multiple due to the capacity of an alternating-current circuit, additional enclosures may be used, provided the conductors in any one enclosure:

- (a) Are balanced in size, length, and type of insulation; and
- (b) Include an equal number of conductors from each phase and the neutral.

(2) The same raceway or channel shall not contain circuits of different systems except as permitted by Rule 12-3034.

**12-1006 Protection of Conductors at Ends of Raceways**

(1) Bushings or equivalent means shall be used to protect conductors from abrasion where they issue from raceways.

(2) Where conductors are No. 4 AWG or larger, such protection shall consist of:

- (a) Insulated type bushings, unless the equipment is equipped with a hub having a smoothly rounded throat; or
- (b) Insulating material fastened securely in place which will separate the conductors from the raceway fittings and afford adequate resistance to mechanical injury.

**12-1008 Inserting Conductors in Raceways**

(1) Cleaning agents or lubricants of an electrical conducting nature or that might have a deleterious effect on conductor coverings shall not be used when inserting conductors in raceways.

(2) Lubricants used when inserting conductors in raceways shall be either talc or soapstone or an approved compound.

**12-1010 Joints or Splices Within Raceways.**

There shall be no joints or splices in conductors or cables within raceways, except in the case of busways, wireways, and cabletroughs.

**12-1012 Stranding of Conductors.** Except in the case of Conductors used as bus bars and mineral-insulated cables, single or multiple conductor cables No. 8 AWG or larger, when installed in raceways, shall be stranded.

**12-1014 Electrical Continuity of Raceways.** Metal raceways shall be electrically continuous throughout and electrically secured to all equipment to which they are attached.

**12-1016 Mechanical Continuity of Raceways.** Raceways shall be mechanically continuous throughout and mechanically secured to all equipment to which they are attached.

**12-1018 Support of Raceways.** Raceways shall be supported independently of equipment forming part of the raceway system.

**12-1020 Removal of Fins and Burrs of Raceways.** Fins and burrs shall be removed from the ends of raceways.

**12-1022 Radii of Bends in Raceways**

(1) Where raceways of the type into which conductors are drawn are bent during installation, the radius of the curve of the inner edge of the bends shall be at least 6 times the internal diameter of the raceway except that the radius shall be increased to 10 times where lead-sheathed cable or varnished-cambric-insulated conductors are used.

(2) Bends shall be made without undue distortion of the raceways and without injury to its inner or outer surfaces.

**12-1024 Junction of Open Wiring and Raceways.** Where conductors connected to open wiring issue from ends of raceways, they shall be protected with approved boxes or with fittings having a separately bushed hole for each conductor.

**12-1026 Entry of Raceway into Buildings**

(1) Holes in outer walls of buildings through which raceways pass shall be filled to prevent infiltration of moisture.

(2) Where a conduit enters a building from an underground distribution system, the end of the conduit within the building shall be sealed with a suitable compound to prevent the entrance of moisture and gases.

#### **12-1028 Raceways Installed Underground or Where Moisture May Accumulate**

(1) The requirements for Category 1 locations as specified in Section 22 shall be complied with where raceways are installed:

- (a) Underground;
- (b) In concrete slabs or other masonry in direct contact with moist earth; or
- (c) In other locations where the conductors are subject to moisture.

(2) Where lead-sheathed conductors are used in such locations, a pothead or equivalent device shall be used to protect them from moisture and mechanical injury at their point of issue from the lead sheathing.

(3) Where raceways are installed underground they shall be buried to a depth of not less than 18 inches or, if in an area subject to vehicular traffic, to a depth of not less than 24 inches unless rock bottom is encountered at a lesser depth, in which case the raceway shall be entrenched into the rock in a trench not less than 6 inches deep and grouted with concrete to the level of the rock surface.

**12-1030 Metal Raceways in Plaster.** In buildings of fire-proof construction where branch circuits run in metal raceways, have conductors not larger than 10 AWG copper or aluminum, the branch circuits may be laid on the face of the masonry or other material of which the walls and ceiling are constructed and may be buried in the plaster finish.

**12-1032 Protection for Raceways in Lanes.** If subject to mechanical injury and unless otherwise protected, acceptable steel guards of not less than No. 10 MSG, adequately secured, must be installed to protect conduits less than 6 feet above grade in lanes and driveways.

**12-1034 Non-Metallic Raceways.** Non-metallic raceways shall be flame retardant.

#### **12-1036 Raceways Installed in Concrete, Cinder Concrete, and Cinder Fill**

(1) Raceways made wholly or in part of aluminum shall not be embedded in concrete containing reinforcing steel unless:

- (a) The concrete is known to contain no chloride additives; or
- (b) The raceway has been treated with an approved bituminous base paint or other approved means to prevent galvanic corrosion of the aluminum.

(2) Where metal raceways are laid in or under cinders or cinder concrete, they shall be protected from corrosive action by a grouting of non-cinder concrete at least 1 inch thick entirely surrounding them unless they are 18 inches or more under the cinders or cinder concrete.

### **Rigid and Flexible Conduit**

**12-1100 Rigid and Flexible Conduit Rules.** Rules 12-1102 to 12-1118 apply only to conductors run in rigid and flexible conduit.

#### **12-1102 Use.**

(1) Rigid and flexible conduit may be installed in or on buildings or portions of buildings of either combustible or other than combustible types of construction.

(2) Rigid metal conduit used in damp or wet locations shall be threaded and the joints and fittings shall be made watertight.

**12-1104 Minimum Size of Conduits.** No conduits having an internal diameter of less than  $\frac{1}{2}$  inch, electrical trade size, shall be used except that:

- (a)  $\frac{7}{16}$  inch and  $\frac{3}{8}$  inch flexible conduit may be used for runs of not more than 5 feet for the connection of equipment; and
- (b)  $\frac{3}{8}$  inch liquid-tight flexible metal conduit may be used as permitted by this Code.

#### **12-1106 Field Cut Conduit Threads**

(1) Rigid conduit threads either external or internal when cut in the field shall be tapered and shall comply with Table 40.

(2) Running threads for field cut conduit are not permitted.

**12-1108 Thread Engagement.** The wall thickness of boxes to be drilled and tapped in the field shall be sufficient to ensure thread engagement of at least three complete threads.

#### **12-1110 Maximum Number of Bends in Conduit.**

A run of conduit between outlets or between draw-in points shall not contain more than the equivalent of 4 quarter-bends.

#### **12-1112 Maximum Spacing of Conduit Supports**

(1) All rigid metal conduit of one size shall be securely attached to hangers or to a solid surface with the maximum spacings of the points of support not greater than:

- (a) 5 feet for  $\frac{1}{2}$ - and  $\frac{3}{4}$ -inch conduit;
- (b) 6 feet for 1- and  $1\frac{1}{4}$ -inch conduit;
- (c) 10 feet for  $1\frac{1}{2}$ -inch conduit and larger.

(2) Where rigid metal conduits of mixed sizes are run in a group, the conduit supports shall be so arranged that the maximum support spacing will be that shown in Subrule (1) for the smallest conduit.

(3) When flexible metal conduit is installed, it shall be secured by approved means at intervals not exceeding  $4\frac{1}{2}$  feet and within 12 inches on each side of every outlet box or fitting, except where flexible conduit is fished and except for lengths of not over 36 inches at terminals where flexibility is necessary.

#### **12-1114 Expansion and Contraction of Conduits**

(1) In locations subject to extreme temperature changes, provision shall be made for expansion and



contraction in long runs of rigid conduit in the form of:

- (a) Approved expansion joints; or
- (b) In the case of the surface-mounted rigid metal conduit only, two ninety-degree bends in the conduit run.
- (2) If expansion joints are used with metal raceways, bonding jumpers shall be provided in accordance with Rule 10-614.

#### **12-1116 Conduit Completely Installed Before Conductors are Installed**

(1) Conduits of the draw-in type shall be installed as a complete system before the conductors are drawn into them.

(2) Conductors shall not be drawn into conduits in a building under construction until the conduit fittings and conductors are reasonably safe from damage from construction operations.

#### **12-1118 Conductors in Conduit**

(1) Conduits shall be of sufficient size to permit the conductors to be drawn in and withdrawn without injury to the conductors.

(2) Subrules (3), (4), and (5) refer only to complete systems and not to short sections of conduit used for the protection of portions of open wiring which would otherwise be exposed to mechanical injury.

(3) The minimum size of conduit for a given number of conductors or multi-conductor cables shall be such that the conductors or cables and their coverings will not result in a greater conduit fill than that specified in Table 8, and in this determination:

- (a) The interior cross-sectional area for various sizes of conduit shall be those specified in Table 9;
- (b) The cross-sectional areas to be used for all types of insulated conductors not exceeding 600 volts shall be the area of thermosetting and thermoplastic insulated conductors as specified in Columns 3 and 5 of Table 10 respectively;
- (c) The cross-sectional areas for insulated conductors rated over 600 volts and for those conductors not listed in Table 10, which for a given size are larger than the corresponding outside diameter of conductors as given in Column 2 of Table 10, shall be calculated from the nominal outside diameter of the conductor and its coverings, and if less than this shall be in accordance with Paragraph (b);
- (d) The cross-sectional area for bare conductors shall be the area as specified in Column 3 of Table 10 when used with thermosetting insulated conductors and the area as specified in Column 5 of Table 10 when used with thermoplastic insulated conductors;
- (e) The cross-sectional area for multi-conductor cables shall be the area of the cable based on its overall diameter, or the area of the equivalent round construction based on its maximum dimensions.

(4) The maximum number of conductors in a conduit, whether single or cabled together, shall be thirty except as permitted in paragraph (c) of Subrule (5).

(5) The maximum number of conductors of a given size in one conduit based on the requirements of Subrule (3), shall not exceed that shown as follows:

- (a) In Tables 5 and 5A for 600 volt thermosetting insulated conductors and for 600 volt thermoplastic insulated conductors respectively, except those covered in Paragraphs (c) and (d) below;
- (b) In Table 7 for lead-sheathed conductors or cables;
- (c) In Table 6 for motor control conductors and conductors for stage-pockets, border lights, sign flashers, elevator control and signal circuits where thermosetting insulated conductors are used;
- (d) In Table 6A for motor control conductors and conductors for stage-pockets, border lights, sign flashers, elevator control and signal circuits where thermoplastic insulated conductors are involved.

#### **Rigid PVC (Unplasticized) Conduit**

##### **12-1200 Use**

(1) Rigid PVC conduit may be used for exposed and concealed work above and below ground in accordance with the rules for threaded rigid metal conduit subject to the provisions of Rules 11-1202 to 12-1220.

(2) Rigid PVC conduit may be used in cinders or cinder concrete without the grouting referred to in Rule 12-1036 being required.

**12-1202 Restrictions on Use.** Rigid PVC conduit shall not be used:

- (a) In hazardous locations as covered by Section 18;
- (b) With wiring for exit and fire escape lights;
- (c) Where passing through fire separations in buildings of fire-resisting construction unless the conduit is located in an enclosure with a fire resistant rating equal to or greater than that of the fire separation pierced; or
- (d) Where enclosed in thermal insulation.

##### **12-1204 Temperature Limitations**

(1) Rigid PVC conduit shall not be used where normal conditions are such that any part of the conduit is subjected to a temperature in excess of 75C.

(2) Subrule (1) shall not prevent the use of insulated conductors having temperature ratings in excess of 75C, but such conductors shall not have ampacities exceeding those of 90C conductors, regardless of their temperature rating.

**12-1206 Mechanical Protection.** Rigid PVC conduit shall be protected where exposed to mechanical injury either during installation or afterwards.



**12-1208 Field Bends.** Rigid PVC conduit may be bent in the field, provided approved equipment is used and provided the radius of bending is not less than 10 times the internal diameter.

### 12-1210 Fittings

(1) Rigid PVC conduit including elbows and bends shall not be threaded but shall be used with approved adapters and couplings which shall be applied in an acceptable manner with approved solvent cement.

(2) Male threaded terminations shall not be used except in unthreaded openings in the wall of an enclosure using a suitable conduit locknut.

### 12-1212 Supporting of Conduit

(1) All rigid PVC conduit of one size shall be securely attached to hangers or to a solid surface with the maximum spacing of the points of supports not greater than:

- (a) 2½ feet for ½-, ¾-, and 1-inch conduit;
- (b) 4 feet for 1¼-, and 1½-inch conduit;
- (c) 5 feet for 2-inch conduit;
- (d) 6 feet for 2½- and 3-inch conduit;
- (e) 7 feet for 3½-, 4-, and 5-inch conduit; and
- (f) 8 feet for 6-inch conduit.

(2) Where conduits of mixed sizes are run in a group, the conduit supports shall be arranged so that the maximum support spacing will be that shown in Subrule (1) for the smallest conduit.

(3) Except where embedded in concrete, rigid PVC conduit shall not be clamped tightly but shall be supported in such a manner as to permit adequate lineal movement to allow for expansion and contraction of the conduit due to temperature change.

**12-1214 Support of Equipment.** Rigid PVC conduit shall not be used to support fixtures or other equipment except as permitted by Rule 12-3016 (2).

**12-1216 Expansion Joints.** Unless the conduit is grouted in concrete, at least one expansion joint shall be installed in any conduit run where the expansion of the conduit due to the maximum probable temperature change during and after installation will exceed 1¾ inches.

**12-1218 Maximum Number of Conductors.** The maximum number of conductors in rigid PVC conduit shall be determined as for conduit in accordance with Rule 12-1118.

**12-1220 Grounding Continuity.** A separate grounding conductor shall be installed in rigid PVC conduit in compliance with Rule 10-404.

### Rigid Types I and II Non-Metallic Bituminized-Fibre and Asbestos-Cement Conduits

**12-1300 Scope.** Rules 12-1302 to 12-1310 apply to the installation of rigid non-metallic conduits, Types I and II made of bituminized-fibre or asbestos-cement.

**12-1302 Use Permitted.** Types I and II rigid non-metallic conduit and fittings approved for the purpose may be used:

- (a) For installation underground in accordance with Rule 12-1028 for raceways, except that Type I conduit shall be laid with its entire length in a 2-inch envelope of concrete; or
- (b) In concrete walls, floors, and ceilings where surrounded by at least 2 inches of concrete.

**12-1304 Use Prohibited.** Types I and II rigid non-metallic conduit shall not be used:

- (a) Above ground except as permitted by paragraph (b) of Rule 12-1302.
- (b) Where subject to physical damage; or
- (c) In hazardous locations as covered by Section 18.

### 12-1306 Method of Installation

(1) All cut edges shall be trimmed inside and outside to remove rough edges.

(2) Types I and II rigid non-metallic conduit including elbows and bends shall not be threaded but shall be used with approved adapters and couplings.

(3) All joints between the conduit and couplings, fittings and boxes shall be made by a method and with tools specified for the purpose.

(4) Types I and II rigid non-metallic conduit shall be secured mechanically to prevent disturbance of the alignment during construction.

**12-1308 Split Straight Conduit.** In existing underground or concrete embedded installations only, raceways may be formed using split straight conduit, provided that:

- (a) Both halves of each conduit length are properly matched and clamped together to form a close-fitting concrete-tight joint;
- (b) Each length of conduit is tightly clamped at each end, with additional clamps spaced not more than 3 feet apart; and
- (c) Clamps made of stainless steel or other corrosion-resistant material acceptable to the inspection department are used when not embedded in concrete.

**12-1310 Maximum Number of Conductors.** The maximum number of conductors in Types I and II rigid non-metallic conduit shall be determined as for conduit in accordance with Rule 12-1118.

### Liquid-Tight Flexible Metal Conduit

#### 12-1400 Use of Liquid-Tight Flexible Metal Conduit

(1) Liquid-tight flexible metal conduit may be used in short lengths where a flexible connection is required in ordinary locations and where permitted by other Sections of this Code.

(2) Liquid-tight flexible metal conduit shall not be used:

- (a) Where subject to mechanical injury;
- (b) As a general-purpose raceway;
- (c) In lengths greater than that essential for the degree of flexibility required;
- (d) Where exposed to gasoline or similar light petroleum solvents, or corrosive liquids or vapours having an injurious effect on the thermoplastic jacket;
- (e) Under conditions such that the jacket temperature will exceed 60C (140F), or 75C (167F) if the jacket is approved for this higher temperature; or
- (f) Where flexing at low temperatures may cause injury to the jacket.

(3)  $\frac{3}{8}$ -inch liquid-tight flexible metal conduit may be used for runs of not more than 5 feet for the connection of equipment.

#### **12-1402 Size of, and Conductors for, Liquid-Tight Flexible Metal Conduit**

(1) The maximum size of liquid-tight flexible metal conduit shall not exceed 3-inch electrical trade size.

(2) A separate grounding conductor shall be installed in accordance with the rules of Section 10 in liquid-tight flexible metal conduit.

(3) The maximum size of conductors which may be installed in sizes  $1\frac{1}{4}$  inch and smaller shall not exceed:

- (a) No. 14 AWG in  $\frac{3}{8}$  inch trade size;
- (b) No. 12 AWG in  $\frac{1}{2}$  inch trade size;
- (c) No. 8 AWG in  $\frac{3}{4}$  inch trade size;
- (d) No. 6 AWG in 1 inch trade size;
- (e) No. 2 AWG in  $1\frac{1}{4}$  inch trade size.

(4) Conductors need not be lead sheathed but shall be of the moisture-resistant types when used in Category 1 locations as covered by Section 22.

(5) The maximum per cent fill shall be in accordance with Rule 12-1118 and for this purpose the cross-sectional area of the  $\frac{3}{8}$ -inch trade size shall be considered as 0.184 square inches.

#### **Electrical Metallic Tubing**

**12-1500 Electrical Metallic Tubing Rules.** Rules 12-1500 to 12-1514 apply only to electrical metallic tubing.

##### **12-1502 Use**

(1) Electrical metallic tubing may be used for exposed and concealed work except that it shall not be used:

- (a) Where it shall be subject to mechanical injury either during installation or afterwards;

(b) In any hazardous location;

(c) Where exposed to corrosive vapour except as permitted by Rule 2-112;

(d) For direct earth burial;

(e) In wet locations.

(2) Electrical metallic tubing may be installed in or on buildings or portions of buildings of either combustible or other than combustible types of construction.

**12-1504 Supports.** Electrical metallic tubing shall be installed as a complete system and shall be securely fastened in place within 3 feet of each outlet box, junction box, cabinet, coupling or fitting, and the spacing between supports shall be in accordance with those given in Rule 12-1112.

**12-1506 Minimum and Maximum Tubing Size.** The tubing shall have an internal diameter of not less than  $\frac{1}{2}$  inch electrical trade size.

**12-1508 Maximum Number of Conductors.** A tube shall not contain more conductors of a given size than are specified in Rule 12-1118.

**12-1510 Connections and Couplings.** Where lengths of electrical metallic tubing are coupled together or connected to boxes, fittings or cabinets, fittings approved for the purpose shall be used and they shall be of the:

- (a) Dry type for ordinary locations and where buried in plaster or masonry block walls;
- (b) Raintight type for exposure to the weather or for installation in poured concrete or masonry.

##### **12-1512 Radii of Bends in Tubing**

(1) Bends in the tubing shall be made so as not to injure the tubing or reduce its internal diameter.

(2) Where conductors which are not lead-sheathed are used, the radius of the curve of the inner edge of bends made during installation shall be at least 6 times the internal diameter of the tubing.

(3) Where lead-sheathed conductors are used, the radius of the curve of the inner edge of bends made during installation shall be at least 10 times the internal diameter of the tubing.

**12-1514 Number of Bends in Tubing.** Where the tubing is run between outlets or fittings, or between outlets and fittings, the run shall not contain more than the equivalent of 4 quarter-bends including the bends located at an outlet or fitting.

#### **Surface Raceways**

##### **12-1600 Use**

(1) Surface raceways shall be installed only in ordinary locations (dry).

(2) Metallic surface raceways less than 0.0309 inch thick and non-metallic surface raceways shall be used only as extensions to wiring systems where:

- (a) The voltage between conductors contained therein is not in excess of 300 volts; and



- (b) The voltage to ground is not in excess of 150 volts.
- (3) Surface raceways shall not be used:
  - (a) Where concealed; or
  - (b) Where subject to severe physical damage unless approved for the purpose.
- (4) Surface raceways shall not be used for:
  - (a) Conductors larger than No. 6 AWG;
  - (b) A greater number of conductors than that for which they are approved;
  - (c) More than 10 conductors; or
  - (d) Support of fixtures.
- (5) Non-metallic surface raceways shall not be used under any of the following conditions:
  - (a) Where the ambient temperature exceeds 50C;
  - (b) With conductors having insulation exceeding 75C unless conductor ampacity is derated to that of a 75C conductor.

**12-1602 Supports.** The backing of a surface raceway shall be secured in position in such a manner that the fastening means will not damage conductor insulation.

**12-1604 Grounding.** A separate grounding conductor shall be installed in non-metallic surface raceways in compliance with Rule 10-404.

#### **12-1606 Surface Raceways through Walls and Floors**

(1) Metallic surface raceways may be extended through walls, partitions, and floors in dry locations only, and shall be in unbroken lengths where passing through.

(2) Non-metallic surface raceways shall be so installed as to not pass through a floor, partition, or wall, although, where necessary, exposed sections may be interconnected by other approved wiring methods.

#### **12-1608 Multiple-Channel Surface Raceways**

(1) Where multiple-channel surface raceways are used to carry the conductors of different systems, each compartment shall contain only the conductors of one system and the compartments shall maintain the same position in relation to each other throughout the length of the raceway.

(2) One or more of the systems may be communication systems.

### **Underfloor Raceways**

#### **12-1700 Where Underfloor Raceways Are Permitted**

(1) Underfloor raceways may be installed under the surface of concrete or other flooring material.

(2) Underfloor raceways shall not be used:

- (a) Where they will be exposed to corrosive vapours;
- (b) In a hazardous location;
- (c) In commercial garages; or
- (d) In storage-battery rooms.

#### **12-1702 Method of Installing Underfloor Raceways**

(1) Underfloor raceways shall be laid so that their centre-line coincides with a straight line drawn between the centres of successive junction boxes.

(2) The raceways shall be mechanically secured to prevent disturbance of the alignment during construction.

(3) The joints along the edges of the raceways and between the raceways, couplings, and junction boxes; and between the junction box cover-plates and cover-rings shall be filled with an approved waterproof cement.

(4) The raceways shall be arranged so there are no low points or traps at the fittings or in the raceway run and crossings shall be avoided where possible.

#### **12-1704 Fittings for Underfloor Raceways**

(1) Where underfloor raceways are run at other than right angles, special fittings shall be provided if required by an inspector.

(2) The raceways shall be connected to distribution centre and wall outlets by conduit or approval fittings.

(3) Dead-ends of the raceways shall terminate in junction boxes or other approved fittings.

**12-1706 Taps and Splices in Underfloor Raceways.** Taps and splices in underfloor raceways shall be made only in header access units or in junction boxes.

#### **12-1708 Inserts and Junction Boxes for Underfloor Raceways**

(1) Inserts and outlets in underfloor raceways shall be made electrically and mechanically secure.

(2) Inserts in the fibre raceways shall be screwed into the fibre and, where they are not made mechanically secure by being grouted in separately, they shall not be set until the floor is laid.

(3) Inserts and junction boxes shall be levelled to the grade of the floor and sealed with water-tight plugs.

**12-1710 Setting of Inserts.** When setting inserts or cutting through the walls of underfloor raceways, adequate precautions shall be taken to prevent chips and dirt from falling into the raceway, and special tools designed for the purpose and for preventing the tools from entering the raceway and injuring the conductors shall be used.

**12-1712 Multiple-Channel Underfloor Raceways.** Where interior wiring systems are not connected electrically to each other within a building, their respective conductors shall be contained in



separate raceways, or subject to the provisions of Rule 12-1608, in separate channels of multiple-channel underfloor raceways.

**12-1714 Discontinued Outlets in Underfloor Raceways.** Where an outlet in an underfloor raceway is discontinued, the conductors supplying the outlet shall be removed from the underfloor raceway.

#### **12-1716 Area of Conductors in Underfloor Raceways**

(1) The aggregate cross-sectional area of the conductors and their insulation in an underfloor raceway shall not exceed 40 per cent of the interior cross-sectional area of the raceway.

(2) Subrule (1) shall not apply where the raceway contains only mineral-insulated cable, aluminum-sheathed cable, armoured cable, or non-metallic sheathed cable.

(3) The cross-sectional areas for conductors in Subrule (1) shall be determined in accordance with Rule 12-1118 (3).

**12-1718 Underfloor Raceways Completely Installed Before Installation of Conductors.** Conductors shall not be drawn into underfloor raceways in a building under construction until the raceway, fittings and conductors are reasonably safe from damage from construction operations.

**12-1720 Underfloor Raceway Junction Boxes.** Junction boxes shall not be used as outlet boxes in underfloor raceways.

#### **12-1722 Gauge of Metal Underfloor Raceways**

(1) Steel underfloor raceways shall have a thickness not less than 0.0528 inches (No. 16 MSG), except that the upper element for an underfloor raceway unit may be less than 0.0528 inches, but not less than 0.0418 inches (No. 18 MSG), provided that the unit is covered with concrete to a depth of not less than 2½ inches and is marked as being approved for such application.

(2) Where wiring feeder-ducts are exposed to damage during installation, they shall have a thickness of not less than 0.0667 inches (No. 14 MSG).

### **Cellular Floor Raceways**

**12-1800 Circuits in Cellular Floor Raceways.** All conductors of a circuit shall be contained in the same enclosure of a cellular floor raceway and except as permitted by Rule 12-3034, the circuits of different systems shall not be contained therein.

#### **12-1802 Conductors in Cellular Floor Raceways**

(1) Conductors shall not be installed in a cellular floor raceway:

- (a) Where they will be exposed to corrosive vapours;
- (b) In a hazardous location;
- (c) In commercial garages; or
- (d) In storage-battery rooms.

(2) Conductors shall not be installed in any cell or header which contains a pipe for steam, water, air, gas, drainage, or other non-electrical service.

(3) Where the cell or header contains such non-electrical services, the cell or header shall be sealed, where practicable, in a manner satisfactory to the inspection department.

**12-1804 Maximum Conductor Size in Cellular Floor Raceways.** No conductor larger than No. 0 AWG copper or aluminum shall be installed in a cellular floor raceway unless special permission is obtained.

#### **12-1806 Cross-Sectional Area of Cellular Floor Raceways**

(1) Where a cellular floor raceway contains other than mineral-insulated cable, aluminum-sheathed cable, armoured cable, or non-metallic sheathed cable, the aggregate cross-sectional area of the conductors in the raceway shall not exceed 40 per cent of the interior area of the header feeding the individual cells.

(2) The cross-sectional areas, for conductors in Subrule (1) shall be determined in accordance with Rule 12-1118 (3).

**12-1808 Taps and Splices in Cellular Floor Raceways.** Splices and taps in cellular floor raceways shall be made only in header access-units or in junction boxes.

**12-1810 Cellular Floor Raceway Markers.** Where cellular floor raceways are used, a suitable number of markers shall be installed for the future location of cells and for system identification, and the markers shall extend through the floor.

#### **12-1812 Cellular Floor Raceway Junction Boxes**

(1) Junction boxes used in cellular floor raceways shall be levelled to floor grade and sealed against the entrance of water.

(2) The junction boxes shall be constructed of metal and shall be electrically continuous with the headers.

(3) Electrical continuity of cellular metal-floor raceway sections shall be obtained by spot welding or other equivalent means.

#### **12-1814 Cellular Floor Raceway Inserts**

(1) Inserts in cellular floor raceways shall be levelled to floor grade and sealed against entrance of water.

(2) Inserts shall be made of metal and shall be electrically continuous with the cellular metal-floor raceways.

(3) When setting inserts or cutting through cell walls adequate precautions shall be taken to prevent chips and dirt from falling into the raceway and for preventing tools from entering the cells and injuring the conductors therein.

(4) A separate grounding conductor shall be installed in cellular concrete floor raceways in compliance with Rule 10-404.

**12-1816 Cellular Floor Raceway Extensions.** Connections from cellular floor raceways to cabinets and extensions from cells to outlets shall be made by means of rigid conduit, flexible conduit, or fittings approved for the purpose.

**12-1818 Cellular Floor Raceway Discontinued Outlets.** Where an outlet is discontinued the conductors supplying the outlet shall be removed from the cellular floor raceway.

**12-1820 Gauge of Cellular Metal-Floor Raceway.** Steel cellular floor sections having a thickness less than 0.0528 inch (16 MSG) shall be covered with concrete to a depth of not less than 2½ inches and shall be marked for use for such application.

### Auxiliary Gutters

#### 12-1900 Where Auxiliary Gutters are Used to Supplement Wiring Spaces

(1) Where auxiliary gutters are used to supplement wiring spaces at meter centres, distribution centres, switchboards, and similar points in interior-wiring systems, the gutters may enclose conductors and cables but they shall not be used to enclose bus bars, switches, overcurrent devices, or other appliances or apparatus.

(2) The auxiliary gutters shall not extend more than 20 feet beyond the equipment which they supplement, and thereafter the conductors may be contained in approved wireways or busways.

**12-1902 Auxiliary Gutter Supports.** Auxiliary gutters shall be securely supported throughout their entire length at intervals of not more than 5 feet unless the gutter is plainly marked to indicate a greater distance.

#### 12-1904 Auxiliary Gutter Cross-Sectional Area

(1) The aggregate cross-sectional area of the conductors and their insulation at a cross-section of an auxiliary gutter shall not exceed 20 per cent of the cross-sectional area of the gutter at that point.

(2) A single compartment of an auxiliary gutter shall not contain more than 30 conductors at a cross-section.

(3) The cross-sectional areas for conductors in Subrule (1) shall be determined in accordance with Rule 12-1118 (3).

### Busways and Splitters

#### 12-2000 Use

(1) Busways and splitters may be used only for exposed work except as permitted in Subrules (5) and (6) of this Rule.

(2) Busways and splitters shall not be installed outdoors or in wet or damp locations, unless specifically approved for use in such locations.

(3) Busways, splitters and fittings shall not be placed:

- (a) Where subject to mechanical injury;
- (b) Where subject to corrosive vapours;

- (c) In hoistways;
- (d) In hazardous locations; or
- (e) In storage battery rooms.

(4) Busways may be used as risers in buildings of fire-resisting construction when provided with acceptable fire stops.

(5) Busways may be installed in false ceiling spaces by special permission providing that:

- (a) Ventilation is adequate to prevent development of ambient temperatures in excess of 30C, otherwise the rating of the busway shall be reduced to 82, 71, and 58 per cent for ambients of 40C, 45C, or 50C respectively, but in no case shall the ambient be higher than 50C;

- (b) All joints of the busway are accessible;

- (c) Any take-off devices are non-fusible if the busway is of the plug-in type;

- (d) Adequate working space exists between the busway and other services or structural parts; and

- (e) The busway is of the totally-enclosed type except that ventilated type may be used provided that, in addition:

- (i) The bus bars are insulated for their full length including joints between sections;
- (ii) The false ceiling is not combustible; and

- (iii) No combustible material is located within 6 inches of the busway;

- (f) If installed in areas used for the building ventilation system, the busway is of the totally-enclosed type.

(6) Splitters may be installed flush in a wall provided they are accessible by removable covers.

**12-2002 Extensions from Busways and Splitters.** Rigid conduit, flexible conduit, surface raceways, cabletroughs, electrical metallic tubing, armoured cable, metal-sheathed conductors or cable, or, where necessary, acceptable cord assemblies approved for hard usage, shall be used in extensions from busways and splitters and shall be connected to the busway or splitter in a manner appropriate to the material used in accordance with Rule 12-3026.

**12-2004 AC Circuits in Busways and Splitters.** Where alternating current is used, all conductors of a circuit shall be placed within the same busway, splitter or section thereof, if the latter is made of magnetic material.

**12-2006 Busway and Splitter Supports.** Busways and splitters shall be securely supported at intervals of not more than 5 feet unless they are plainly marked to indicate a greater distance.

#### 12-2008 Method of Installation of Busways

(1) Where busways extend transversely through dry walls or partitions, they shall pass through the walls or



partitions in unbroken lengths and shall be totally enclosed where passing through walls or partitions constructed of combustible materials or masonry walls containing voids at the point where the busway passes through.

(2) Busways may extend vertically through dry floors if they are:

- (a) Totally enclosed where passing through such floors and for the first 12 inches above any floor; and
- (b) Provided with acceptable fire stops.

(3) Busways shall be provided with adequate protection against mechanical injury and personal contact with live parts for a distance of 6 feet above any floor in an area accessible to other than qualified persons.

(4) Dead ends of busways shall be closed by approved fittings.

(5) Busways installed outdoors in areas accessible to other than authorized persons shall be totally enclosed.

**12-2010 Conductors of Different Systems in Busways.** Conductors of different systems shall not be installed in the same busway unless the conductors are separated from each other by suitable barriers.

**12-2012 Plug-In Devices for Busways.** When busways supply machine tools, a switch need not be furnished on the machine tool if:

- (a) A plug-in device having a horsepower rating is used; and
- (b) The means of operating the plug-in device is readily within reach of the operator.

**12-2014 Reduction in Size of Busways.** Overcurrent protection may be omitted at points where busways are reduced in size, provided that the smaller busway:

- (a) Does not extend more than 50 feet;
- (b) Has a current rating at least equal to one-third the rating or setting of the overcurrent devices next back on the line; and
- (c) Is free from contact with combustible material.

**12-2016 Length of Busways Used as Branch Circuits**

(1) Busways which are used as branch circuits, and which are designed so that loads can be connected at any point, shall be limited to such lengths as will provide that in normal use the circuits will not be overloaded.

(2) In general, the length of such run in feet should not exceed 3 times the ampere rating of the branch circuit.

**12-2018 Manufacturer's Identification on Busways and Splitters.** Busways and splitters shall be marked so that the manufacturer's name, trade mark, or other recognized symbol of identification shall be readily legible when the installation is completed.

**12-2020 Taps in Splitters.** Taps from bus bars or terminal blocks in splitters shall issue from the box on the site thereof nearest to the terminal connec-

tions and the conductors shall not be brought into contact with uninsulated current-carrying parts of opposite polarity.

**12-2022 Circuit Restrictions in Splitters.** Splitters shall be used only for the purpose of making connections to the bus bars or terminal blocks and shall not be used as a pull box for the conductors of other circuits not connected to the main or distribution terminals within the box.

## Wireways

### 12-2100 Where Wireways May Be Used

(1) Wireways may be used only for exposed work and shall not be installed outdoors, or in wet or damp locations, unless specifically approved for such locations.

(2) Wireways and fittings shall not be placed:

- (a) Where subject to mechanical injury;
- (b) Where subject to corrosive vapours;
- (c) In hoistways;
- (d) In hazardous locations; or
- (e) In storage battery rooms.

(3) Wireways may be used as risers in buildings of fire-resisting construction when provided with acceptable fire stops.

### 12-2102 Method of Installation of Wireways

(1) Runs of wireways shall be continuous throughout their entire length and shall be installed as a complete system without conductors.

(2) Conductors shall not be laid in wireways in buildings under construction, until the wireways and conductors are reasonably safe from damage from construction operations.

(3) Where wireways extend transversely through dry walls or partitions, they shall pass through the walls or partitions in unbroken lengths.

(4) Wireways shall be securely supported at intervals of not more than 5 feet, unless they are plainly marked to indicate greater distances.

(5) Dead ends of wireways shall be closed by approved fittings.

(6) Wireways shall be provided with adequate protection against mechanical injury for a distance of 6 feet above any floor in an area accessible to other than qualified persons.

### 12-2104 Conductors in Wireways

(1) Conductors used in wireways shall be the insulated types indicated in Table 19 as being suitable for use in raceways.

(2) Except as permitted in Subrule (4) of this Rule, wireways shall contain not more than 30 conductors unless special permission is obtained for the use of a greater number, and the aggregate cross-sectional area of the conductor and their insulation shall not exceed 20 per cent of the interior cross-sectional area of the wireway.



(3) No conductors larger than 500 MCM copper or 750 MCM aluminum shall be contained in any wireway.

(4) Wireways containing only signal and control conductors may contain more than 30 conductors but the aggregate cross-sectional area of the conductors and their insulation shall not exceed 40 per cent of the interior cross-sectional area of the wireway.

(5) The cross-sectional areas for conductors in Subrule (2) shall be determined in accordance with Rule 12-1118 (3).

**12-2106 Taps and Splices in Wireways.** Where splices and taps are made on feeders or branch circuits within wireways, they shall be made and insulated by acceptable methods and shall be made accessible through hinged covers or at pull boxes.

**12-2108 Extensions from Wireways.** Rigid conduit, flexible conduit, surface raceways, cabletroughs, electrical metallic tubing, armoured cable, metal-sheathed conductors or cable, or, where necessary, acceptable cord assemblies approved for hard usage, shall be used in extensions from wireways and shall be connected to the wireway in a manner appropriate to the material used in accordance with Rule 12-3026.

**12-2110 Conductors of Different Systems in Wireways.** Conductors of different systems shall not be installed in the same wireway unless:

- (a) The conductors are intended for the supply and control of remotely controlled devices and are insulated for at least the same voltage as that of the circuit having the highest potential, and none of the conductors of the circuits of lower potentials are directly connected to a lighting branch circuit; or
- (b) The conductors are separated from each other by suitable barriers.

**12-2112 AC Circuits in Wireways.** Where alternating current is used, all conductors of a circuit shall be placed within the same wireway, or section, thereof, if the latter is made of magnetic material.

**12-2114 Manufacturer's Identification on Wireways.** Wireways shall be marked so that the manufacturer's name, trade mark, or other recognized symbol of identification shall be readily legible when the installation is completed.

### Cabletroughs

**12-2200 Restriction of Use.** Cabletroughs shall not be used in any hazardous location except as permitted by Rule 18-030.

### 12-2202 Method of Installation

(1) Cabletroughs shall be installed as a complete system before the conductors are laid in.

(2) The maximum design load and associated support spacing shall not exceed the values specified in Table 42.

(3) Cabletroughs shall not pass through walls except where the walls are constructed of incombustible material.

(4) Cabletroughs may extend vertically through dry floors, if provided with acceptable fire stops, and if totally enclosed where passing through and for a minimum distance of 6 feet above the floor to provide adequate protection from mechanical injury.

(5) Conductors or cables shall not be laid in cabletroughs until the conductors or cables will be reasonably safe from damage from construction operations.

(6) Cabletroughs shall be adequately supported by non-combustible supports.

(7) Dead ends of cabletroughs shall be closed by the use of proper fittings.

(8) Conductors in vertical runs of cabletroughs shall be supported independently of the terminal connections, and at intervals not exceeding those specified in Table 21.

(9) The minimum clearances for cabletroughs shall be:

- (a) 6 inch vertical clearance, excluding depth of cabletrough, between cabletroughs installed in tiers except where cables of 2 inch diameter or greater may be installed, the clearance shall be 12 inches;
- (b) 12 inch vertical clearance from the top of the cabletrough to all ceilings, heating ducts and heating equipment and 6 inches for short length obstructions;
- (c) 24 inch horizontal clearance on one side of cabletroughs mounted adjacent to one another or to walls or other obstructions.

### 12-2204 Conductors for Use in Cabletroughs

(1) Conductors for use in cabletroughs shall be of a type as specified in Table 19 and shall be enclosed in a continuous metal sheath or of the interlock metal-armour types, except that for ventilated and non-ventilated cabletroughs conductors having moisture-resistant insulation and flame-retardant non-metallic coverings or sheaths of types specified in Table 19 may be used in electrical equipment vaults, fire-resisting switch rooms and by special permission in other locations which are inaccessible to the public and are of non-combustible construction and where the conductors are not subject to damage either during or after installation.

(2) Where a non-metallic outer covering is supplied with armoured or metal-sheathed conductors or cable, it shall be flame retardant.

(3) Where conductors of different systems are installed in cabletroughs the requirements of Rule 12-2110 shall apply.

**12-2206 Joint and Splices Within Cabletroughs.** Where joints and splices are made on feeders or branch circuits within cabletroughs, they shall be made and insulated by acceptable methods and shall be in accessible locations.

**12-2208 Connection to Other Wiring Methods.** Where cabletroughs are connected to other wiring methods, the arrangement shall be such that the

conductors will not be subject to mechanical damage or abrasion, and where connected to raceways, such that effective ground continuity will be maintained.

### 12-2210 Grounding

(1) Where metal supports for cabletroughs are bolted to the trough and are in good electrical contact with the grounded structural metal frame of a building, the trough shall be deemed to be grounded.

(2) Where the conditions of Subrule (1) do not apply, the cabletrough shall be adequately grounded at intervals not exceeding 50 feet, and the size of grounding conductors shall be based on the maximum rating or setting of an overcurrent device in the circuits carried by the cabletrough in accordance with the requirements of Rule 10-812.

### 12-2212 Ampacity of Conductors Used in Cabletroughs

(1) Where the air space between conductors, cables, or both, in ventilated and ladder type cabletroughs is not less than 25 per cent nor more than 100 per cent of the conductor or cable diameter, the ampacity of the conductor or cable shall be the value specified in paragraph (a) or (b) below, multiplied by the correction factor specified in Table 39 for the arrangement and number of conductors or cables involved, unless special permission is obtained for other spacings and correction factors:

- (a) Single conductors, single conductor aluminum-sheathed cable, and single conductor mineral-insulated cable, as specified in Tables 1 or 3;
- (b) Multi-conductor cables as specified in Rule 4-002 (1)(b), or (2)(b), i.e., in Tables 2 or 4 for three wires in conduit, multiplied by the factors in Table 38 for the number of conductors in each cable.

(2) Where the spacings of Subrule (1) are not maintained in ventilated and ladder type cabletroughs, of for any spacing in a non-ventilated cabletrough, the ampacity of the conductor or cable shall be the value specified in Rule 4-002 (1)(b), or (2)(b), i.e., Tables 2 or 4, multiplied by the factor in Table 38, for the total number of conductors in the cabletrough.

(3) Where cabletroughs are located in room temperatures above 30°C (86°F) the temperature correction factors of Tables 1, 2, 3, and 4 shall be applied to the ampacities determined from Subrules (1) and (2) as applicable.

### Ventilated Flexible Cableway

**12-2300 Restriction of Use.** Ventilated flexible cableway shall not be used in any hazardous location except as permitted by Rule 18-030.

### 12-2302 Method of Installation

(1) Ventilated flexible cableway shall not pass through walls except where the walls are constructed of noncombustible material.

(2) Ventilated flexible cableway may extend vertically through dry floors, if totally enclosed where

passing through and for a minimum distance of 6 feet above the floor to provide adequate protection from mechanical injury.

(3) Conductors or cables shall not be drawn into ventilated flexible cableway until conductors or cables will be reasonably safe from damage from construction operations.

(4) Ventilated flexible cableway shall be supported by noncombustible supports.

(5) Conductors in vertical runs of ventilated flexible cableway shall be supported independently of the terminal connections, at intervals not exceeding those specified in Table 21 and the supports shall maintain the continuity of the ventilated flexible cableway system without injury to the conductors or their covering.

- (a) 7 feet for 2-, 3-, and 4-inch trade sizes not under tension;
- (b) 10 feet for 2-inch trade size under a minimum tension of 100 pounds;
- (c) 12 feet for 3-inch trade size under a minimum tension of 200 pounds;
- (d) 14 feet for 4-inch trade size under a minimum tension of 250 pounds.

(6) A run of ventilated flexible cableway between outlets or between draw-in points shall not contain more than the equivalent of 4 quarter-bends.

### 12-2304 Conductors for Use in Ventilated Flexible Cableway

(1) Conductors for use in ventilated flexible cableway shall be of a type specified in Table 19 and shall be enclosed in a continuous metal sheath or of the interlock metal-armour types, except that conductors having moisture-resistant insulation and flame-retardant non-metallic coverings or sheaths of types specified in Table 19 may be used in electrical equipment vaults, fire-resisting switch rooms, and by special permission in other locations which are inaccessible to the public and are of noncombustible construction and where the conductors are not subject to damage either during or after installation.

(2) Where a non-metallic outer covering is supplied with armoured or metal-sheathed conductors or cable, it shall be flame retardant.

(3) Where conductors of different systems are installed in the same ventilated flexible cableway, the requirements of Rule 12-2110 shall apply.

**12-2306 Connection to Other Wiring Methods.** Where ventilated flexible cableway is connected to other wiring methods the connection shall be made:

- (a) By means of approved fittings;
- (b) Electrically continuous; and
- (c) In such a manner as to assure that the conductors will not be subject to mechanical damage.

**12-2308 Manufacturer's Identification on Ventilating Flexible Cableway.** The manufacturer's



identification marking on ventilated flexible cableway shall be readily visible when the installation is completed.

### 12-2310 Grounding

(1) Where metal supports are bolted to the ventilated flexible cableway and are in a good electrical contact with the grounded structural metal frame of a building, the ventilated flexible cableway shall be deemed to be grounded.

(2) Where the conditions of Subrule (1) do not apply, the ventilated flexible cableway shall be adequately grounded at intervals not exceeding 50 feet, and the size of grounding conductors shall be based on the maximum rating or setting of an overcurrent device in the circuits carried by the ventilated flexible cableway in accordance with the requirements of Rule 10-812.

### 12-2312 Ampacity of Conductors and Cables Used in Ventilated Flexible Cableway

(1) The ampacity of single or multi-conductor cables shall be the value specified in paragraph (a) or (b) below, multiplied by the correction factor specified in Table 38 for the total number of conductors involved unless special permission is obtained for other correction factors:

- (a) Single conductors, as specified in Tables 2 or 4;
- (b) Multi-conductor cables, as specified in Tables 2 or 4 multiplied by the factor of Table 38 for the number of conductors in each cable.

(2) Where ventilated flexible cableway is located in room temperatures above 30C (86F) the temperature correction factors of Tables 1, 2, 3, and 4 shall be applies to the ampacities determined from Subrule (1).

**12-2314 Maximum Number of Conductors.** The maximum number of conductors in ventilated flexible cableway shall be determined as for conduit in accordance with Rule 12-1118.

### Lighting Fixture Raceways

#### 12-2400 Use

(1) Lighting fixture raceways shall be installed only in ordinary locations (dry).

(2) Lighting fixture raceways less than 0.0309 inch in thickness shall be used only where the voltage does not exceed 300 volts between conductors or 150 volts to ground.

**12-2402 Conductors.** Lighting fixture raceways shall not be used for:

- (a) Conductors larger than No. 6 AWG copper or aluminum;
- (b) A greater number of conductors for which it is approved;
- (c) More than 10 conductors; and
- (d) Conductors insulation rated less than 75C.

#### 12-2404 Support

(1) Lighting fixture raceways shall be supported in accordance with the Manufacturer's instructions.

(2) Lighting fixture raceways shall support the weight of lighting fixtures in accordance with the Manufacturer's instructions.

### 12-2406 Fittings

(1) Where a lighting fixture raceway is mounted with the open side of the channel down, fittings approved for the purpose shall be used for holding the conductors in place when the cover is not in position.

(2) At areas where the lighting fixture raceway is intended for the connection of rigid conduit, EMT, armoured cable, or similar wiring methods the metal shall not be less than 0.039 inch in thickness.

### INSTALLATION OF BOXES, CABINETS, OUTLETS AND TERMINAL FITTINGS

#### 12-3000 Maximum Number of Outlets Per Circuit

(1) There shall be not more than 12 outlets on any 2-wire branch circuit except as permitted by other Rules of this Code.

(2) Such outlets shall be considered to be rated at not less than one ampere per outlet except as permitted by Subrule (3).

(3) Where the connected load is known, the number of outlets may exceed 12 providing the load current does not exceed 80 per cent of the rating of the overcurrent device protecting the circuit.

(4) Where fixed multi-outlet assemblies are used, each 5 feet or fraction thereof of each separate and continuous length shall be counted as one outlet, but in locations where a number of electrical appliances are likely to be used simultaneously, each 1 foot or fraction thereof shall be counted as one outlet.

#### 12-3004 Outlet Boxes

(1) An approved box or an equivalent device shall be installed at every point of outlet, switch or junction of conduit, raceways, armoured cable, or non-metallic sheathed cable, and at every point of outlet and switch of concealed knob-and-tube work.

(2) Non-metallic outlet boxes shall not be used in wiring methods using metallic raceways and armouring.

(3) The box shall be provided with a cover or a fixture canopy.

(4) Shallow boxes and plates shall not be used without special permission.

(5) At least 6 inches of free conductor shall be left at each outlet for making of joints or the connection of fixtures, unless the conductors are intended to loop through lampholders, receptacles, or similar devices without joints.

#### 12-3006 Terminal Fittings

(1) Where conductors are run from the ends of conduit, armoured cable, surface raceways, or non-metallic sheathed cable to appliances or open wiring, an outlet fitting or terminal fitting may be used instead of the box required by Rule 12-3004, and the conductors shall be run without splice, tap, or joint within the fitting.



(2) The fitting shall have a separately bushed hole for each conductor.

(3) The fittings shall not be used at outlets for fixtures.

**12-3008 Terminal Fittings Behind Switchboards.** Where conductors issue from conduit behind a switchboard or more than 8 conductors issue from a conduit at control apparatus or a similar location an insulating bushing may be used instead of the box required by Rule 12-3004.

**12-3010 Distribution Centre.** At a distribution centre where conductors larger than No. 6 AWG copper or No. 4 AWG aluminum are used, there shall be installed, in a readily accessible location, a busway or splitter equipped with terminal blocks or bus bars having a separate screw or stud for each connection but where a splitter exceeds 6 feet in length or the connected load exceeds 600 amperes a splitter, if used, shall be provided with bus bars extending approximately the full length of the enclosure.

#### **12-3012 Boxes in Concrete Construction**

(1) Where used in concrete slab construction, ceiling outlet boxes shall have knockouts spaced above the free or lower edge of the boxes a distance of at least twice the diameter of the steel reinforcing bars so that conduit entering the knockouts shall clear the bars without offsetting.

(2) Sectional boxes shall not be used embedded in concrete or masonry construction.

(3) Boxes made wholly or in part of aluminum shall not be embedded in concrete containing reinforcing steel unless:

- (a) The concrete is known to contain no chloride additives; or
- (b) The box has been treated with an approved bituminous base paint or other approved means to prevent galvanic corrosion of the aluminum.

#### **12-3014 Outlet Box Supports**

(1) Boxes and fittings not secured to studs, joists, or similar fixed structural units other than wooden, metal, or composition lath, shall be supported on metal supports or on a wooden board at least  $\frac{7}{8}$  inch thick rigidly secured to the structural unit.

(2) Subrule (1) shall not apply to boxes and fittings installed after the studs, joists, or structural units have been concealed.

#### **12-3016 Boxes, Cabinets, and Fitting Supports**

(1) Boxes, cabinets, and fittings shall be fastened securely in place.

(2) Boxes and fittings having a volume of less than 100 cubic inches may be attached to a firmly secured exposed raceway by threading or other acceptable means of connection.

#### **12-3018 Accessibility of Junction Boxes**

(1) Pull-in, junction, and outlet boxes, cabinets and gutters, and joints in wires and cables shall be accessible.

(2) A vertical space of 3 feet or more shall be required to provide ready access.

#### **12-3020 Flush Boxes, Cabinets, and Fittings**

(1) The front edges of boxes, cabinets and fittings installed in walls or ceiling shall not be set in more than  $\frac{1}{4}$  inch from the finished surface, and where the walls or ceilings are of wood or other combustible material, shall be flush with the finished surface or shall project therefrom.

(2) Gaps or open spaces in plaster surfaces of walls or ceilings shall be filled in around the front edges of boxes, cabinets, and fittings.

**12-3022 Outlet Boxes Attached to Existing Plaster Work.** Where outlet boxes installed as additions to existing work are mounted directly upon existing plaster surfaces they shall be fastened securely in place.

**12-3024 Outlet Boxes, etc., in Damp Places.** Where boxes, cabinets, and fittings are installed in damp places they shall be so placed or constructed as to prevent moisture from entering and accumulating therein.

#### **12-3026 Entrance of Conductors into Boxes, Cabinets, and Fittings**

(1) Where conductors pass through the walls of boxes, cabinets, or fittings, provision shall be made to:

- (a) Protect the insulation on the conductors from injury;
- (b) Protect terminal connections from external strain;
- (c) Provide electrical continuity between a metal box, cabinet, or fitting and conduit, armour, or metal sheathing of conductors, whether or not the armour or metal sheathing is to be used as a grounding conductor;
- (d) Prevent injury to a non-metallic sheath applied over armour or metal sheathing for protection against moisture or corrosion; and
- (e) Close the openings through which the conductors pass in such a manner that any remaining opening will not permit entrance of a test rod  $\frac{1}{8}$  inch in diameter.

(2) Where conductors, run as open wiring, enter a metal box, cabinet, or fitting, they shall either pass through insulating bushings, firmly secured in the opening, with the last external point of support sufficiently close to the opening to avoid strain on conductor termination, or the conductor shall be encased in a flexible tubing which shall enter the opening and be secured in place.

(3) Where non-metallic sheathed cable enters a box, cabinet, or fitting, a box connector, either as a separate device approved for use with such cable or as part of the box, cabinet, or fitting, shall be used to secure the cable in place adequately and without injury to the conductors.

(4) Where rigid or flexible metal conduit, electrical metallic tubing, or armoured cable enter boxes, cabinets, or fittings, they shall be secured in place in accordance with the requirements of Section 10.

(5) Where metal sheathed conductors enter boxes, cabinets, or fittings, the box connector shall be installed in a manner which will meet the requirements of Section 10 without injury to the conductors and shall be of a type approved specifically for the cable.

(6) Where liquid-tight flexible metal conduit or where flexible conduit, armoured cable, or metal-sheathed cable of a type having a non-metallic sheath over the armour or metal sheath enters a box, cabinet, or fitting, the box connector shall be of a type specifically approved for the purpose and shall ensure electrical continuity without injury to the non-metallic sheath unless the point of connection is in a dry location free from corrosive atmosphere, where the non-metallic sheath may be stripped back a sufficient distance.

(7) Where single conductor cables enter metal boxes through separate openings, precaution shall be taken to prevent overheating of the metal by induction if the current carried per conductor exceeds 200 amperes.

**12-3028 Unused Openings in Boxes, Cabinets, and Fittings.** Unused openings in boxes, cabinets, and fittings shall be effectively closed by metal plugs or plates affording protection substantially equivalent to that of the wall of the box, cabinet, or fitting.

#### **12-3030 Extensions From Existing Outlets**

(1) Where a surface extension is made from an existing outlet of concealed wiring, a box or an extension-ring shall be mounted over the original box and electrically and mechanically secured to it.

(2) The extension shall then be connected to the box or extension-ring in the manner prescribed by this Section for the method of wiring employed in making the extension.

#### **12-3032 Multi-Outlet Assemblies**

(1) Multi-outlet assemblies shall only be used in normally dry locations as extensions to wiring systems.

(2) Multi-outlet assemblies shall not be used in any bathroom, kitchen, or any place where in the opinion of the inspection department the assembly would be subject to mechanical injury.

(3) Multi-outlet assemblies may be carried through but not run within dry partitions provided that:

- (a) No outlet falls within the partition;
- (b) The removal of any cap or cover necessary for proper installation is not prevented; and
- (c) The assembly is of metallic construction or, if of non-metallic construction, is surrounded by a metal duct or the equivalent.

(4) Multi-outlet assemblies shall not be concealed within the building finish but:

- (a) The back and sides of metal assemblies may be set in plaster applied after the assembly is in place; or
- (b) The back and sides of non-metallic assemblies may be set in a preformed recess in the building finish; and

- (c) Either may be recessed in a baseboard or other wood trim member.

#### **12-3034 Conductors of Different Systems in Boxes, Cabinets, or Fittings**

(1) Conductors of different systems shall not be installed in the same box, cabinet, or auxiliary gutter unless:

- (a) A barrier of sheet steel not less than 0.0528 inch (No. 16 MSG) thick or an equivalent device of acceptable insulating material is used to divide the space into separate compartments for the conductors of each system; or
- (b) The conductors are intended for the supply and control of remotely controlled devices where the voltage does not exceed 4,500 volts between conductors, and they are insulated for at least the same voltage as that of the circuit having the highest potential and none of the conductors of the circuits of lower potentials are directly connected to a lighting branch circuit.

(2) Where a barrier is used, it shall be fastened rigidly to the box, cabinet, or gutter, or an approved device assuring positive separation of the conductors shall be used.

(3) By special permission, the provision of Subrule (1) may be varied in the case of:

- (a) A double-throw switch used in an emergency lighting system;
- (b) The supply and control conductors of remotely controlled devices where the conductors are not insulated for the maximum voltage; and
- (c) The supply and control conductors of remotely controlled devices where the voltage exceeds 4,500 volts between conductors.

#### **12-3036 Wiring Space in Enclosures**

(1) Enclosures for overcurrent devices, controllers, and externally operated switches shall not be used as junction boxes, troughs, or raceways for conductors feeding through to other apparatus.

(2) Notwithstanding Subrule (1) of this Rule, where such an enclosure is approved with connectors or the equivalent, each providing an independent clamping means for each conductor and each clamping means being independently accessible for tightening or inspection, a single feeder supplying another enclosure may be tapped from it.

#### **12-3038 Maximum Number of Conductors in a Box**

(1) Boxes shall be of sufficient size to provide usable space for all insulated conductors contained in the box, subject to the following:

- (a) A conductor running through a box with no connection therein shall be considered as one conductor;
- (b) Each conductor entering or leaving a box and connected to a terminal or connector within the box shall be considered as one conductor;



- (c) A conductor of which no part leaves the box shall not be counted; and
- (d) No. 18 and No. 16 AWG fixture wires supplying a lighting fixture mounted on the box containing the fixture wires shall not be counted.

(2) Subject to the details given in Subrule (1), boxes of the nominal dimensions given in Table 23 shall not contain more insulated conductors of a given size than permitted by the Table, and the number of conductors shall be reduced by one for each of the following conditions as applicable:

- (a) If the box contains one or more fixture studs, built-in cable clamps, or hickey;
- (b) If the box contains one or more flush devices mounted on a single strap, except that a flush device box of minimum dimensions of  $2\frac{7}{8}$  inches in length,  $1\frac{13}{16}$  inches in width and  $2\frac{7}{16}$  inches in depth in which is installed a flush device or cable clamps may contain a maximum number of 6 No. 14 AWG conductors copper or 5 No. 12 AWG conductors aluminum.

(3) Subject to the details given in Subrule (1), boxes having nominal dimensions other than those shown in Table 23 shall have the amount of usable space per insulated conductor as specified in Table 22, but the number of conductors so calculated shall be reduced by one for each of the conditions of paragraphs (a) and (b) of Subrule (2) as applicable.

(4) Where a box contains a transformer, relay, or other device not considered as falling within the classification shown in Subrule (2), the number of insulated conductors permitted shall be in accordance with Table 22, after the space occupied by the device has been deducted from the space within the box.

(5) The total usable space in a box considered under Table 22, shall be considered to be the internal volume of the box and shall disregard any space occupied by locknuts, bushings, cable connectors, or clamps.

(6) Where single flush boxes are ganged, each section shall be considered to be a separate box for the purpose of this Rule.

**12-3040 Pull Box Sizes.** Where pull boxes are used with raceways of  $1\frac{1}{4}$  inches trade size or larger, the boxes shall:

- (a) For straight pulls, have a length of at least 8 times the trade diameter of the largest raceway; and
- (b) For angle and U-pulls, have a distance between each terminal fitting of the raceway inside the box and the opposite side of the box of at least 6 times the trade diameter of the raceway, and the distance shall be increased for each additional raceway entry by the amount of the sum of the diameters of the other raceway entries on the same wall of the box.

## SECTION 14—PROTECTION AND CONTROL

### General

**14-000 General Requirements.** Electrical apparatus and ungrounded conductors shall, except as otherwise provided for in this Section or in other Sections dealing with specific equipment, be provided with:

- (a) Approved devices for the purpose of automatically opening the electrical circuit thereto if the current therein reaches a value which will produce a dangerous temperature in the equipment or conductor;
- (b) Approved manually-operable devices which will safely disconnect all ungrounded conductors of the circuit at the point of supply simultaneously, except for multi-wire branch circuits which supply fixed lighting loads only, and have each lighting load connected to the neutral and one ungrounded conductor; and
- (c) Approved devices which, when necessary, will open the electrical circuit thereto in the event of failure of voltage in such circuit.

### 14-002 Types and Ratings of Protective and Control Devices.

- (1) Circuit breakers, fuses, and switches shall be of types and ratings acceptable to the inspection department.
- (2) Interrupting ratings of overcurrent protection shall ensure safe operation and co-ordination.

**14-004 Connection of Devices.** Devices required by this Section shall not be connected in any grounded conductors except where:

- (a) The devices simultaneously or previously disconnect all ungrounded conductors;
- (b) An overcurrent device is in a 2-wire circuit having one wire grounded, and there is a possibility that the grounded conductor may assume a potential difference between itself and ground, due to unreliable grounding conditions, of sufficient magnitude to create a dangerous condition; or
- (c) Overcurrent devices are located in that part of a circuit which is connected by an unpolarized attachment plug.

### Protective Devices

**14-006 Location and Grouping.** Overcurrent devices shall be located in readily accessible places, except as provided for elsewhere in this Code, and shall be grouped where practicable.

### 14-008 Enclosure of Overcurrent Devices

(1) Overcurrent devices shall be enclosed in cutout boxes or cabinets, unless they form a part of an approved assembly which affords equivalent protection, or unless mounted on switchboards, panelboards, or controllers located in rooms or enclosures free from easily ignitable material and dampness, and accessible only to authorized persons.

(2) Operating handles of circuit breakers shall be made accessible without opening any door or cover giving access to live parts.



**14-010 Mounting of Enclosures.** Enclosures for overcurrent devices shall be mounted in a vertical position unless, in individual instances, this is clearly impracticable.

**14-012 Grouping of Protective Devices at Distribution Centre**

(1) Where three or more lighting branch circuits are required, overcurrent devices protecting such circuits shall be contained in a panelboard.

(2) For purposes of this Rule, a 3-wire circuit shall be classed as two circuits.

**14-014 Time-Delay Fuses**

(1) Plug and cartridge fuses of the time-delay type shall be marked so as to be readily distinguishable.

(2) The marking referred to in Subrule (1) shall be the letter "D".

**14-016 Use of Plug Fuses.** Plug fuses and fuse-holders shall not be used in circuits exceeding 125 volts between conductors except in circuits supplied from a system having a grounded neutral and no conductor operating at more than 150 volts to ground.

**14-018 Rating of Fuses**

(1) Plug fuses shall be rated at not more than 30 amperes.

(2) Standard cartridge fuses shall not be used in capacities larger than 600 amperes or in circuits at more than 600 volts.

(3) HRC (High-Rupturing-Capacity) fuses used in circuits rated at 750 volts or less are not limited as to current rating.

(4) Fuses for use in circuits of more than 750 volts are not limited in current or voltage ratings.

**14-020 Non-Interchangeable.** Where plug fuses are used in branch circuits they shall be of such a type and so installed that they are non-interchangeable with a fuse of larger rating.

**14-022 Cutout Bases for Plug Fuses.** Cutout bases for plug fuses shall be of the so-called "covered" type where readily accessible to unauthorized persons.

**14-024 Open-Link Fuses.** Open-link fuses shall not be used.

**14-026 Short-Circuiting of Fuses.** Short-circuiting or bridging of fuses, or the use of anything but an approved fuse and fuse holder of proper rating, is strictly prohibited.

**14-028 Overcurrent Devices in Parallel.** Overcurrent devices shall not be connected in parallel in circuits of 750 volts or less.

**14-030 Use of HRC (High-Rupturing-Capacity) Fuses.** HRC fuses, which have a rupturing capacity in excess of that required for standard fuses, may be used as follows:

(a) HRC Form I fuses, in lieu of standard fuses;

(b) HRC Form II fuses, for overcurrent protection only where circuit overload protection is

provided by standard fuses, circuit-breakers, or overload devices;

(c) HRC Form II fuses, in lieu of standard fuses in those applications where this Code permits the installation of fuses greater than the ampere rating of the load, provided that the rating of the HRC Form II fuses does not exceed 85 per cent of the maximum rating permitted for standard fuses.

**14-032 Circuit Breakers, General**

(1) Circuit breakers shall be of the trip-free type.

(2) Indication shall be provided at the circuit breaker and at the point of operation to show whether the circuit breaker is open or closed.

**14-034 Construction of Circuit Breakers.** Where circuit breakers are provided for the protection of apparatus or ungrounded conductors, or both, they shall open the circuit in all ungrounded conductors by the manual operation of a single handle and by the action of overcurrent, except:

(a) Where single-pole circuit breakers are permitted by paragraph (b) of Rule 14-000; or

(b) In branch circuits derived from a 3-wire grounded neutral system two single-pole manually operable circuit breakers may be used in lieu of a 2-pole breaker, provided that:

(i) Their handles are so interlocked that all ungrounded conductors will be opened by the manual operation of either handle; and

(ii) Each breaker has voltage ratings not less than that of the 3-wire grounded neutral system.

**14-036 Non-Tamperable Circuit Breakers.** Branch-circuit breakers unless accessible only to authorized persons, shall be of such design that any alteration by the user of either tripping current or time will be difficult.

**Control Devices**

**14-038 Maximum Rating of Switches**

(1) Knife switches rated at more than 600 amperes at 750 volts or less shall be used only as isolating switches.

(2) Notwithstanding Subrule (1), switches of special design and approved for such purpose may be used to interrupt currents greater than 600 amperes at 750 volts or less.

**14-040 Operation of Switches.** Knife switches and other control devices, unless located or guarded so as to render them inaccessible to unauthorized persons, shall be constructed so that they may be switched to the "off" position without exposing live parts.

**14-042 Mounting of Knife Switches**

(1) Single-throw knife switches shall be mounted with their bases in a vertical plane.

(2) Single-throw knife switches shall be mounted so that gravity will not tend to close them.

(3) Double-throw knife switches may be mounted so that the throw will be either vertical or horizontal but, if the throw is vertical, a positive locking device or stop shall be provided so as to ensure the blades remaining in the open position when so set, unless it is not intended that the switch be left in the open position.

**14-044 Connection of Switches.** Manual single-throw switches, circuit breakers, or magnetic switches, shall be so connected that the blades or moving contacts will be dead when the device is in the open position, except that the following need not comply:

- (a) Branch-circuit breakers which have all live parts other than terminals sealed, and which are constructed so that the line and load connections may be interchangeable;
- (b) Switchgear which is provided for sectionalizing purposes and has a suitable caution notice attached to the assembly;
- (c) Switches which are immersed in a liquid and have a suitable caution notice attached to the outside of the enclosure;
- (d) Switches which are designed so that all live parts are inaccessible when the device is in the open position;
- (e) Magnetic switches, when preceded by a circuit breaker or manual switch which is located in the same enclosure or immediately adjacent and is marked to indicate that it controls the circuit to the magnetic switch, unless this is obvious.

#### **14-046 Location of Control Devices**

(1) Control devices, with the exception of isolating switches, shall be readily accessible.

(2) Remotely controlled devices shall be considered to be readily accessible if the means of controlling them are readily accessible.

**14-048 Enclosure of Control Devices.** Control devices, unless they are located or guarded so as to render them inaccessible to unauthorized persons and to prevent fire hazards, shall have all current-carrying parts in enclosures of metal or other fire-resisting material.

**14-050 Control Devices to be Indicating.** Manually-operable control devices shall indicate the on and off position, unless the application of the devices is such as to make this requirement unnecessary.

**14-052 Control Devices Ahead of Overcurrent Devices.** Control devices used in combination with overcurrent devices or overload devices for the control of circuits or apparatus shall be connected so that the overcurrent or overload devices will be dead when the control device is in the open position, except where this is impracticable.

#### **Protection and Control of Circuits**

**14-054 Overcurrent Devices Required.** Each ungrounded conductor shall be protected by an overcurrent device at the point where it receives its supply of current and at each point where the size of the conductor is decreased, except that such protection may be omitted:

- (a) Where the overcurrent device in a larger conductor properly protects the smaller; or

(b) Where the smaller conductor:

- (i) has an ampacity not less than the sum of the allowable ampacities of the conductors of the one or more circuits or loads which it supplies, and not less than 1/10 that of the larger conductor from which it is supplied;
- (ii) is not over five feet long;
- (iii) does not extend beyond the switchboard, panelboard or device which it supplies;
- (iv) is enclosed in conduit, or in metal gutters when not a part of the wiring of the switchboard, panelboard, or other device; and
- (v) terminates in a single set of overcurrent devices, except where the tap conductors supply panelboards installed in accordance with Rule 14-090; or

(c) Where the smaller conductor not exceeding No. 10 AWG:

- (i) terminates in a single overcurrent device that will safely interrupt the fault current available on the load side of the device;
- (ii) has an ampacity equal to the device it supplies;
- (iii) is not over five feet long; and
- (iv) is enclosed in metal conduit or in metal gutters; or

(d) In other than residential dwellings:

- (i) the smaller conductors have an ampacity of at least  $\frac{1}{3}$  of the larger conductor from which they are supplied; and
- (ii) the tap is suitably protected from mechanical injury, is not more than 25 feet long, and terminates in a single set of overcurrent devices which will limit the load on the tap to that allowed by Tables 1, 2, 3, or 4, but beyond the single set of overcurrent devices the conductors may supply any number of overcurrent devices; or

(e) Where the conductors are in control circuits of remotely controlled apparatus: and

- (i) the conductors are less than 25 feet long and are suitably protected from mechanical injury; or
- (ii) the conductors are 25 feet long or longer, and the rating or setting of the branch circuit overcurrent device is not more than 500 percent of the ampacity of the control-circuit conductors; or
- (iii) the opening of the control circuit would create a hazard as for example, the control circuit of a fire-pump motor.



**14-056 Disconnecting Means Required for Fused Circuits.** Circuits protected by fuses shall be equipped with disconnecting means integral with, or adjacent to, the fuseholders whereby all live parts for mounting fuses can be readily and safely made dead, except that such disconnecting means may be omitted in the case of:

- (a) Instrument and control circuits on switchboards where the potential does not exceed 250 volts;
- (b) Primary circuits of potential transformers having a primary potential of 750 volts or less, on switchboards; and
- (c) A circuit having only one ungrounded conductor where a plug fuse is used, as a plug fuse can be safely handled while alive in such a circuit.

**14-058 Rating of Overcurrent Devices, General.**

The rating or setting of overcurrent devices shall not exceed the allowable ampacity of the conductors which they protect except:

- (a) Where a fuse or circuit breaker having a rating or setting of the same value as the ampacity of the conductor is not available, in which case the ratings or settings given in Table 13 may be used within the maximum value of 600 amperes;
- (b) In the case of fixture wire, flexible cord in sizes Nos. 16, 18, and 20 AWG copper, and tinsel cord, which will be considered as protected by 15-ampere overcurrent devices; or
- (c) As provided for by other rules of this Code.

**14-060 Tripping Elements for Circuit Breakers.** Circuit breakers shall be equipped with tripping elements as specified in Table 25.

**14-062 Rating of Control Devices.** Control devices shall have ratings suitable for the connected load of the circuits which they control and, with the exception of isolating switches, shall be capable of safely establishing and interrupting such loads.

**14-064 Grouping of Control Devices.** Control devices controlling feeders and branch circuits shall be grouped where practicable.

**14-066 Rating of Snap Switches.** Snap switches shall be rated as follows:

- (a) For non-inductive loads other than tungsten-filament lamps, switches shall have an ampere rating not less than the ampere rating of the load;
- (b) For tungsten-filament lamp loads, and for combined tungsten filament and non-inductive loads, switches shall be "T" rated, except where:
  - (i) The switches are used in branch-circuit wiring systems in private homes; in rooms in multiple-occupancy dwellings used only as living quarters by tenants; in private hospital or hotel rooms; or in similar locations but not in public rooms or places of assembly;
  - (ii) The switch controls permanently connected fixtures or lighting outlets in one room only, or in one continuous hallway where the lighting fixtures may be located at different levels or in attics or basements not used for assembly purposes; and

- (iii) The switch is rated at not less than 10 amperes, 125 volts; 5 amperes, 250 volts; or for the 4-way types, 5 amperes, 125 volts; 2 amperes, 250 volts;

- (c) Canopy switches controlling a tungsten-filament lamp load shall be "T" rated or shall have an ampere rating at least three times the ampere rating of the load;
- (d) For inductive loads, switches shall have an ampere rating of twice the ampere rating of the load unless:
  - (i) They are of a type approved as part of an assembly or for the purpose employed; or
  - (ii) The inductive load is ac with a power factor between unity and 0.75 lag in which case a switch having an "F" rating at 10 amperes, 125 volts may be used.

**14-068 Use and Rating of Manually-Operated General-Purpose Alternating-Current Switches**

(1) Manually-operated, general-purpose switches intended for alternating-current systems and constructed so that they can be installed readily in wiring systems for making and breaking tungsten-filament lighting and power circuits shall be rated as follows:

- (a) For tungsten-filament lamp loads at 120 volts maximum, switches shall have an ampere rating not less than the current rating of the load;
- (b) For non-inductive loads and for inductive loads at not less than 75 per cent power factor lag, switches shall have an ampere rating not less than the current rating of the load.

(2) The current rating of the switches shall be not less than 15 amperes in conjunction with a voltage rating of 120 or 277 volts.

(3) Switches shall be adapted for mounting in flush-device boxes, surface-type boxes, special boxes, or have complete self enclosures.

**14-070 Manually Operated Specific-Use AC Switches**

(1) Manually operated specific-use ac switches shall be used only for the control of non-inductive loads other than tungsten-filament lamps, and for inductive loads where the power factor is not less than 75 per cent lagging.

(2) The current rating of the switches shall be not less than 15 amperes in conjunction with a voltage rating of 347 volts.

(3) The switches designed for mounting in boxes shall not be readily interchangeable with switches referred to in Rules 14-066 and 14-068.

(4) Switches controlling voltage exceeding 150 volts to ground shall not be ganged or grouped in the same enclosure unless they meet the requirements of Rule 14-094.

**Protection and Control of Generators**

**14-072 Protection of Constant-Potential Generators**

(1) Constant-potential generators, whether direct-current or alternating-current, shall be protected from excessive current by overcurrent devices, except that:



(a) Where an inspector is of the opinion that the type of apparatus used and the nature of the system operated make protective devices inadvisable or unnecessary, the protective devices may be dispensed with;

(b) Where an alternating-current generator and a transformer are located in the same building and are intended to operate as a unit for stepping up or stepping down voltage, the protective device may be connected to the primary or to the secondary of the transformer.

(2) Subrule (1) shall not apply to exciters for alternating-current machines.

#### **14-074 Generator Not Driven by Electricity.**

Where a generator not driven by electricity supplies a 2-wire grounded system, the protective device shall be capable of disconnecting the generator from both conductors of the circuit.

**14-076 Balancer Sets.** Where a 3-wire direct-current system is supplied by 2-wire generators operated in conjunction with a balancer set to obtain a neutral, the system shall be equipped with protective devices which disconnect the system in the event of an excessive unbalancing of voltages.

#### **14-078 Three-Wire Direct-Current Generators**

(1) Three-wire direct-current generators, whether shunt or compound wound, shall be equipped with:

(a) A 2-pole circuit breaker with 2 tripping elements; or

(b) A 4-pole circuit breaker connected in the main- and equalizer-leads and tripped by 2 tripping elements.

(2) The circuit breaker shall be connected so as to be actuated by the entire armature current.

(3) One tripping element shall be connected in each armature lead.

#### **14-080 Disconnecting Means Required for Generators.**

Generators shall be equipped with an indicating switch or a circuit breaker by means of which the generator and all protective devices and control apparatus may be entirely disconnected from the circuits supplied by the generator, unless the driving means for the generator is such that it may be readily shut down.

### **Protection and Control of Apparatus on Lighting and Appliance Branch Circuits**

#### **14-082 Protection of Lampholders**

(1) Medium-base lampholders and fluorescent lighting fixtures shall not be connected to a branch circuit protected by overcurrent devices rated or set at more than 15 amperes except that where the fixture wiring and ballasts, if any, are enclosed in metal the rating of the overcurrent protection may exceed 15 amperes but shall not exceed 20 amperes.

(2) Subrule (1) does not apply to medium-base lampholders which form an integral part of a single lighting unit having mogul-base lampholders.

(3) Mogul-base lampholders shall not be connected to a branch circuit protected by overcurrent devices rated or set at more than 40 amperes.

**14-084 Protection of Circuits Supplying Receptacles.** Receptacles shall not be connected to a lighting and appliance branch circuit having overcurrent protection rated or set at more than the rated ampere capacity of the receptacle.

#### **14-086 Additional Control Devices Not Necessary.**

Portable appliances need not be equipped with additional control devices where the appliances are:

(a) Rated at not more than 1500 watts; and

(b) Provided with approved cord connectors, attachment-plug caps or other approved means by which they can be disconnected readily from the circuits.

**14-088 Outlet Control From More Than One Point.** Where switches are used to control an outlet or outlets from more than one point, the switches shall be wired and connected so that the grounded conductor runs directly to the outlet or outlets controlled by the switches.

**14-090 Panelboard Overcurrent Protection.** Panelboards supplied by conductors having overcurrent protection greater than 200 amperes shall be protected on the supply side by overcurrent devices having a rating not greater than that of the panelboard.

### **Protection and Control of Miscellaneous Apparatus**

**14-092 Remote-Control Circuits.** Remote-control circuits of remotely controlled apparatus shall be arranged so that they may be conveniently disconnected from their source of supply at the controller, but as an alternative it may be arranged that the disconnecting of the apparatus from the supply circuit also disconnects the remote-control circuit from the supply circuit.

#### **14-094 Connection to Different Circuits**

(1) Where electrical equipment is supplied by more than one circuit, in order to prevent accidental contact with bare live parts:

(a) A single disconnecting means, which will effectively open all ungrounded conductors supplying the equipment, shall be provided integral with, or adjacent to, the equipment; or

(b) (i) each circuit shall be provided with an isolating means integral with or adjacent to the equipment;

(ii) the isolating means in Clause (i) shall consist of barriers, individual disconnecting or multi-pole relays.

(2) Where individual disconnecting means are used, suitable warning signs shall be placed on, or adjacent to, each disconnecting means to the effect that any one disconnecting means does not completely de-energize the equipment.

(3) The barriers referred to in Subrule (1) (b) (ii) shall consist of:

- (a) A minimum clearance of 6 inches between parts connected to different circuits;
  - (b) Dead front construction;
  - (c) Recessing; or
  - (d) Other equivalent means satisfactory to an inspector.
- (4) The effectiveness of barriers shall be judged as satisfactory when they prevent a probe ( $\frac{3}{4}$  inches in diameter, 3 inches long, and having a spherical end) from contacting adjacent live parts from any angle.
- (5) Where barriers are used, a suitable warning sign shall be placed on or adjacent to the equipment indicating that there is more than one source of supply.

#### SECTION 16—REMOTE-CONTROL CIRCUITS, SIGNAL CIRCUITS, EXTRA-LOW-VOLTAGE POWER CIRCUITS AND LOW-ENERGY POWER CIRCUITS

**16-000 Scope.** This Section applies to remote-control circuits, signal circuits, extra-low-voltage power circuits, and low-energy power circuits, other than:

- (a) Circuits forming an integral part of a device; and
- (b) Remote-control circuits and signal circuits which use conductors in a cable assembly with other conductors forming parts of communication circuits.

**16-002 Hazardous Locations.** Where the circuits or apparatus within the scope of this Section are installed in hazardous locations, they shall also comply with the applicable rules of Section 18.

#### Classifications

**16-004 Classifications.** Circuits within the scope of this Section shall be classified as follows:

- (a) Class 1 circuits are circuits in which power is not limited in accordance with Rule 16-006;
- (b) Class 2 circuits are circuits in which power is limited in accordance with Rule 16-006.

#### 16-006 Limitation of Class 2 Circuits

(1) Class 2 circuits, depending upon the voltage, shall have the current limited as follows:

- (a) 0 to 15 volts. Circuits in which the open-circuit is not greater than 15 volts shall have overcurrent protection of not more than 5-ampere rating, except that the overcurrent protection may be omitted if the current is supplied from:
  - (i) Primary batteries;
  - (ii) An approved Class 2 circuit transformer the secondary current of which under short-circuit does not exceed 10 amperes; or

(iii) A device having characteristics which will limit the current under normal operating conditions or under fault conditions to a value not exceeding 10 amperes, and approved for the purpose;

- (b) Over 15 volts but not exceeding 30 volts. Circuits in which the open-circuit voltage exceeds 15 volts but is not greater than 30 volts shall have overcurrent protection of not more than 3.2-ampere rating, except that the overcurrent protection may be omitted if the current is supplied from:
  - (i) Primary batteries;
  - (ii) An approved Class 2 circuit transformer the secondary current of which under short-circuit does not exceed 5 amperes; or

(iii) A device having characteristics which will limit the current under normal operating conditions or under fault conditions to a value not exceeding 5 amperes, and approved for the purpose;

- (c) Over 30 volts but not exceeding 60 volts. Circuits in which the open-circuit voltage exceeds 30 volts but is not greater than 60 volts shall have overcurrent protection of not more than 1.6-ampere rating, except that the overcurrent protection may be omitted if the current is supplied from:

(i) An approved Class 2 circuit transformer the secondary current of which under short-circuit does not exceed 2.5 amperes; or

(ii) A device having characteristics which will limit the current under normal operating conditions or under fault conditions to a value not exceeding 2.5 amperes, and approved for the purpose;

- (d) Over 60 volts but not exceeding 150 volts. Circuits in which the open-circuit voltage exceeds 60 volts but is not greater than 150 volts shall have overcurrent protection of not more than 1-ampere rating, and in addition shall be equipped with approved current-limiting means other than overcurrent protection, which will limit the current, either under normal operating conditions or under fault conditions, to not more than 1 ampere.

(2) A device having energy-limiting characteristics may consist of a series resistor of suitable rating, or other similar device.

**16-008 Low-Energy Power Circuits.** For the purposes of this Section, circuits which are neither remote-control circuits nor signal circuits, but in which the current is limited in accordance with Rule 16-006, shall be classed as low-energy power circuits and shall be considered to be Class 2 circuits.

**16-010 Extra-Low-Voltage Power Circuits.** For the purposes of this Section, circuits such as valve operators, etc., which are neither remote-control circuits nor signal circuits, but which operate at not more than 30 volts where the current is not limited in accordance with Rule 16-006, and which are supplied from a transformer or other device restricted in its rated output to 1,000 volt-amperes and approved for the purpose, shall be classed as extra-low-voltage power circuits and shall be considered to be Class 1 circuits.



**16-012 Circuits to Safety Control Devices.** Notwithstanding paragraph (b) of Rule 16-004, where the failure to operate of a remote control circuit to a safety control device will introduce a direct fire or life hazard, the remote control circuit shall be deemed to be a Class 1 circuit.

**16-014 Circuits in Communication Cables.** Remote-control circuits and signal circuits which use conductors in a cable assembly with other conductors forming parts of communication circuits are, for the purposes of this Code, deemed to be communication circuits and are covered by Section 60 of this Code

### Class 1 Circuits

**16-016 Methods of Installation for Class 1 Circuits.** The conductors and equipment of Class 1 circuits shall be installed in accordance with the requirements of other appropriate Sections of this Code, except as provided in Rules 16-018 to 16-032.

**16-018 Conductor Sizes.** No. 18 and No. 16 AWG copper conductors may be used in Class 1 circuits:

- (a) If installed in a raceway or a cable approved for the purpose; or
- (b) If flexible cords in accordance with Rule 4-008.

### 16-020 Insulated Conductors for Class 1 Circuit Wiring

(1) Where conductors larger than No. 16 AWG are used in a Class 1 circuit, they shall be of any type shown in Table 19.

(2) Where conductors of No. 18 or No. 16 AWG copper are used in a Class 1 circuit, they shall be equipment wire of the type suitable for such use as indicated in Table 11.

**16-022 Mechanical Protection of Remote-Control Circuits.** Where mechanical damage to a remote-control circuit would result in a hazardous condition as outlined in Rule 16-012, all conductors of such remote-control circuits shall be installed in conduit, electrical metallic tubing, or be otherwise suitably protected from mechanical injury or other injurious condition such as moisture, excessive heat, or corrosive action.

**16-024 Overcurrent Protection of Class 1 Circuit.** Conductors of Class 1 circuits shall be protected against overcurrent in accordance with Section 14 of this Code, except:

- (a) Where other rules of this Code specifically permit or require other overcurrent protection;
- (b) Where the conductors are of No. 18 or No. 16 AWG, they shall be deemed to be protected when overcurrent devices rated or set at not more than 15 amperes are used;
- (c) Where Class 1 circuits have main and "tap-off" circuits and the operating voltage does not exceed 30 volts, the "tap-off" circuits need not be individually protected against overcurrent, provided that the main circuit overcurrent device also affords protection for the "tap-off" circuits; or
- (d) Where the current is limited in a Class 1 circuit by means of overcurrent protection, both the protection and its mounting shall be approved for that purpose.

### 16-026 Location of Overcurrent Devices in Class 1 Circuits

(1) In Class 1 circuits, the overcurrent devices shall be located at the point where the conductor to be protected receives its supply.

(2) Where the overcurrent device protecting a larger conductor also protects a smaller conductor, overcurrent devices may be dispensed with in the smaller conductor.

**16-028 Class 1 Circuits Extending Aerially Beyond a Building.** Class 1 circuits which extend aerially beyond a building shall comply with Rules 12-300 to 12-318.

**16-030 Grounding of Class 1 Circuits.** Class 1 circuits shall be grounded in accordance with and when required by the provisions of Section 10.

### 16-032 Transformers Supplying Class 1 Circuits

(1) Transformer devices supplying Class 1 circuits shall be approved for the purpose.

(2) Where overcurrent protection is installed at the secondary terminals of the transformer and the transformer is suitably enclosed, no overcurrent protection is required on the primary side other than the normal overcurrent protection of the branch circuit supplying the transformer.

(3) Transformer devices supplying Class 1 extra-low-voltage power circuits, where the operating voltage is limited to not more than 30 volts, shall be restricted in their rated output to not more than 1,000 volt-amperes.

(4) For the purpose of Subrule (3) a transformer shall be considered to have a 1,000 volt-ampere rating if the approximate temperature limit is reached at a 1,000 volt-ampere load.

### Class 2 Circuits

### 16-034 Methods of Installation on Supply Side of Overcurrent Protection or Transformers or Other Devices for Class 2 Circuits

(1) In Class 2 circuits, the conductors and equipment on the supply side of overcurrent protection, transformers, or current-limiting devices shall be installed in accordance with the requirements of other appropriate Sections of this Code.

(2) Where the transformers or other devices are supplied from electric lighting and power circuits, the transformers or devices shall be protected on the supply side by an overcurrent device rated or set in accordance with Section 26 of this Code, but in no case exceeding 15 amperes.

### 16-036 Methods of Installation on Load Side of Overcurrent Protection, etc., for Class 2 Circuits

(1) In Class 2 circuits, the conductors on the load side of overcurrent protection, transformers, or current-limiting devices shall be insulated and separated from the conductors of electric lighting and power circuits.

(2) Conductors of Class 2 circuits not contained in grounded metallic raceways, conduit, or metallic-sheathed cable, shall be separated by at least 2 inches from any conductors of an electric light or power system unless:

- (a) The electric light or power conductors are contained in a raceway; or



- (b) Either system is encased in approved, non-metallic, flexible tubing, or in porcelain tubes or an equivalent device, in addition to the insulation on the conductors.

(3) The conductors in a Class 2 circuit shall not be placed in any raceway, compartment, outlet, junction box, or similar fitting with the conductors of:

- (a) A Class 1 circuit; or
- (b) Lighting and power circuits,

unless the conductors of the two systems are separated by a suitable barrier.

(4) Subrule (3) shall not apply where the conductors of a power circuit are in the raceway, compartment, outlet, junction box, or similar fitting for the sole purpose of supplying power to the Class 2 circuit, except that no Class 2 conductor installed in a raceway compartment, outlet box, junction box, or similar fitting with such conductors of a power circuit shall show a green-coloured insulation, unless such Class 2 conductor is completely enclosed within a sheathed or jacketed cable assembly throughout the length that is present in such raceway or enclosure.

(5) The conductors of a Class 2 circuit may be run in the same shaft with conductors for lighting and power circuits where:

- (a) The two systems are separated by at least 2 inches; or
- (b) The conductors of either systems are encased in non-metallic flexible tubing.

(6) Where the conductors of a Class 2 circuit are installed in a hoistway, the conductors shall be installed in rigid conduit or electrical metallic tubing, or mineral-insulated or aluminum-sheathed cable shall be used; but, if the mineral-insulated or aluminum-sheathed cable has a non-metallic jacket over the metal sheath, the jacket shall be flame-retarding and moisture resistant.

(7) Conductors used in Class 2 circuits on the load side of overcurrent protection, transformers or current-limiting devices shall be:

- (a) For Class 2 circuits operating at 30 volts or less approved for the application;
- (b) For Class 2 circuits operating at more than 30 volts, suitable for the voltage range and application, and approved for the purpose.

(8) Where 3 or more conductors are used, it is recommended that such conductors be grouped under a common covering except in the case of mineral-insulated cable.

(9) The equipment located on the load side of overcurrent protection, Class 2 transformers or current-limiting devices shall be:

- (a) For Class 2 circuits operating at 30 volts or less, acceptable for the particular application;
- (b) For Class 2 circuits operating at more than 30 volts, suitable for the voltage range and application, approved for the purpose, and arranged so that no energized metal parts are accessible to unauthorized persons.

(10) Conductors shall be of copper not smaller than No. 19 AWG.

**16-038 Conductors in a Vertical Run.** Where conductors of Class 2 circuits are in a vertical run in a shaft or partition, they shall:

- (a) Have a fire-resistant covering capable of preventing the carrying of fire from floor to floor; or
- (b) Be encased in tubing or other outer covering of non-combustible material; or
- (c) Be located in a fireproof shaft having fire stops at each floor.

**16-040 Class 2 Circuits Extending Beyond a Building.** Where Class 2 circuits extend beyond a building and are run in such manner as to be subject to accidental contact with lighting or power conductors operating at a potential exceeding 300 volts between conductors, the conductors of the Class 2 circuit shall also meet the requirements of Section 60.

#### **16-042 Overcurrent Protection and Mounting for Class 2 Circuits**

(1) Where overcurrent protection is applied to Class 2 circuits in accordance with Rule 16-006, such protection and its mounting shall be approved for the purpose.

(2) Overcurrent protection of different ratings shall not be of an interchangeable type.

(3) The overcurrent protection may be an integral part of a transformer or other power-supply device approved for the purpose.

**16-044 Grounding of Class 2 Circuits.** Class 2 circuits shall be grounded in accordance with and when required by the provisions of Section 10.

### **SECTION 18—HAZARDOUS LOCATIONS**

#### **Scope and Introduction**

##### **18-000 Scope**

(1) This Section applies to locations in which electrical equipment and wiring are subject to the conditions indicated by the following classifications.

(2) This Section is supplementary to, or amendatory of, the general requirements of this Code.

**18-002 Classification.** Hazardous locations shall be classified according to the nature of the hazard, as follows:

- (a) Class I locations are those in which flammable gases or vapours are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures;
- (b) Class II locations are those which are hazardous because of the presence of combustible or electrically conductive dusts; or
- (c) Class III locations are those which are hazardous because of the presence of easily ignitable fibres or flyings, but in which such fibres or flyings are not likely to be in suspension in air in quantities sufficient to produce ignitable mixtures.

**18-004 Division of Class I Locations.** Class I locations shall be further divided into two divisions as follows:

- (a) Division 1, comprising Class I locations in which:
  - (i) Hazardous concentrations of flammable gases or vapours exist continuously, intermittently, or periodically under normal operating conditions;
  - (ii) Hazardous concentrations of flammable gases or vapours may exist frequently because of repair or maintenance operation or because of leakage; or
  - (iii) Equipment is operated or processes carried on of such nature that breakdown or faulty operation thereof could result in the release of hazardous concentrations of flammable gases or vapours and simultaneous failure of electrical equipment; and
- (b) Division 2, comprising Class I locations in which:
  - (i) Flammable volatile liquids, flammable gases or vapours are handled, processed, or used, but in which the liquids, gases, or vapours are normally confined within closed containers or closed systems from which they can escape only as a result of accidental rupture or breakdown of the containers or systems or the abnormal operation of the equipment by which the liquids or gases are handled, processed or used;
  - (ii) Hazardous concentration of gases or vapours are normally prevented by positive mechanical ventilation, but which may become hazardous as the result of failure or abnormal operation of the ventilating equipment; or
  - (iii) The location is adjacent to a Class 1 Division 1, location, from which a hazardous concentration of gases or vapours could be communicated, unless such communication is prevented by adequate positive-pressure ventilation from a source of clean air, and effective safeguards against ventilation failure are provided.

**18-006 Division of Class II Locations.** Class II locations shall be further divided into two divisions as follows:

- (a) Division 1, comprising Class II locations in which:
  - (i) Combustible dust is or may be in suspension in air continuously, intermittently, or periodically under normal operating conditions in quantities sufficient to produce explosive or ignitable mixtures;
  - (ii) The normal or abnormal operation or the failure of equipment or apparatus might cause explosive or ignitable mixtures to be produced in, or in dangerous proximity to, electrical equipment or apparatus; or
  - (iii) Dusts having the property of conducting electricity may be present; and
- (b) Division 2, comprising Class II locations in which combustible dusts are not normally in suspension in air or likely to be thrown into suspension by the normal or abnormal operation or the failure of equipment or apparatus in quantities sufficient to produce explosive or ignitable mixtures, but in which:

- (i) Deposits or accumulations of dust may be sufficient to interfere with the safe dissipation of heat from electrical equipment or apparatus; or
- (ii) Deposits or accumulations of dust on, in, or near electrical equipment may be ignited by arcs, sparks, or burning material from the electrical equipment.

**18-008 Division of Class III Locations.** Class III locations shall be further divided into two divisions as follows:

- (a) Division 1, comprising Class III locations in which readily ignitable fibres or materials producing combustible flyings are handled, manufactured, or used; and
- (b) Division 2, comprising Class III locations in which readily ignitable fibres other than those in process of manufacture are stored or handled.

### General

#### 18-010 Electrical Equipment

(1) Where electrical equipment is required by this Section to be approved for the class of location, it shall also be approved for the specific gas, vapour, or dust that will be present.

(2) Such approval may be indicated by one or more of the following atmospheric group designations which have been established for the purposes of testing and approval:

- (a) Group A, comprising atmospheres containing Acetylene;
- (b) Group B, comprising atmospheres containing butadiene, ethylene oxide, hydrogen (or gases or vapours equivalent in hazard to hydrogen, such as manufactured gas), or propylene oxide;
- (c) Group C, comprising atmospheres containing acetaldehyde, cyclopropane, diethyl ether, ethylene, isoprene, or unsymmetrical dimethyl hydrazine (UDMH), or other gases or vapours of equivalent hazard;
- (d) Group D, comprising atmospheres containing acetone, acrylonitrile, alcohol, ammonia, benzene, benzol, butane, ethylene dichloride, gasoline, hexane, lacquer solvent vapours, naphtha, natural gas, propane, propylene, styrene, vinyl acetate, vinyl chloride, xylenes, or other gases or vapours of equivalent hazard;
- (e) Group E, comprising atmospheres containing metal dust, including aluminum, magnesium, and their commercial alloys, and other metals of similarly hazardous characteristics;
- (f) Group F, comprising atmospheres containing carbon black, coal, or coke dust; or
- (g) Group G, comprising atmospheres containing flour, starch, or grain dust, and other dusts of similarly hazardous characteristics.

(3) Notwithstanding Rule 18-010 (2) (b), where the atmosphere contains:



- (a) Butadiene, Group D equipment may be used if such equipment is isolated in accordance with Rule 18-038 (3) by sealing all conduit  $\frac{1}{2}$  inch size or larger; or
- (b) Ethylene oxide or propylene oxide, Group C equipment may be used if such equipment is isolated in accordance with Rule 18-038 (3) by sealing all conduit  $\frac{1}{2}$  inch size or larger.

**18-012 Marking**

(1) Electrical equipment approved for use in hazardous locations shall be so marked to indicate the class and for Classes I and II locations the group, or the specific gas, vapour, or dust, for which the equipment has been approved.

(2) Electrical equipment approved for use in Class I hazardous locations may be marked with:

- (a) The maximum external temperature; or
- (b) One of the following temperature codes to indicate the maximum external temperature:

Temperature Code	Maximum External Temperature
T1	450C (842F)
T2	300C (572F)
T2A	280C (536F)
T2B	260C (500F)
T2C	230C (446F)
T2D	215C (419F)
T3	200C (392F)
T3A	180C (356F)
T3B	165C (329F)
T3C	160C (320F)
T4	135C (275F)
T4A	120C (248F)
T5	100C (212F)
T6	85C (185F)

(3) If no maximum external temperature marking is shown on Class I equipment approved for the class and group, the equipment, if of the heat producing type (which excludes junction boxes, conduit fittings, etc.), shall be considered as having the following maximum external temperature for the purpose of compliance with Rule 18-014:

Group A	—	280C (536F)
Group B	—	280C (536F)
Group C	—	160C (320F)
Group D	—	215C (419F)

**18-014 Temperature.** In class I hazardous locations equipment shall not be installed in an area where vapours or gases are present that have an ignition temperature less than the maximum external temperature of the equipment as referred to in Rule 18-012 (2) and (3).

**18-016 Non-Essential Electrical Equipment**

(1) No electrical equipment shall be used in a hazardous location, unless it is essential to the processes being carried on therein.

(2) Service equipment, panelboards, switchboards, and similar electrical equipment shall, where practicable, be located in rooms or sections of the building in which hazardous conditions do not exist.

**18-018 Rooms, Sections, or Areas.** Each room, section, or area, including motor- and generator-rooms and rooms for the enclosure of control equipment, shall be considered as a separate location for the purpose of determining the classification of the hazard.

**18-020 Equipment Rooms**

(1) Where walls, partitions, floors or ceilings are used to form hazard-free rooms or sections, they shall be:

- (a) Of substantial construction;
- (b) Built of or lined with noncombustible material; and
- (c) Such as to ensure that the rooms or sections will remain free from hazards.

(2) Where a non-hazardous location within a building communicates with a Class I, Division 2 location, a Class II location, or a Class III location, the locations shall be separated by close-fitting, self-closing, approved fire doors.

(3) For communication from a Class I, Division 1 location the provisions of Rule 18-004 (b) (iii) shall apply.

**18-022 Surge Protection.** A wiring system in a hazardous location shall be protected against surges by:

- (a) Approved lightning arresters;
- (b) The interconnection of both high- and low-voltage arrester grounding wires and dead metal of the wiring system; and
- (c) Approved surge-protective electrical capacitors.

**18-024 Metallic-Sheathed Cable**

(1) Where mineral-insulated cable other than the light-weight type is used in hazardous locations, the cable terminations shall be made by experienced workmen strictly in accordance with the cable manufacturer's instructions, which shall include an insulation resistance test before the cable is energized to assure that moisture has not entered the mineral insulation prior to the application of the pot seal, and that the conductors have not been short-circuited or grounded while preparing the seal.

(2) Surge protection as required by Rule 18-022 shall be such that for mineral-insulated cable in any hazardous location a surge voltage level of 5kv on the cable will not be exceeded.

(3) Where single conductor aluminum-sheathed cable or mineral-insulated cable other than the light-weight type is used in hazardous locations it shall be installed in such a manner as to prevent sparking between cable sheaths or between cable sheaths and ground; and;

- (a) Cables in the circuit shall be clipped or strapped together, in a manner which will ensure good electrical contact between sheaths, at intervals of not more than 6 feet, and the metal sheaths shall be grounded; or



- (b) Cables in the circuit shall have the metal sheaths continuously covered with insulating material and the metal sheaths shall be bonded and grounded at one end only.

(4) Where mineral-insulated heating cable is used in hazardous locations it shall be specifically approved for the purpose and the hazardous location.

**18-026 Air Pressurized Electric Wiring Systems.** By special permission, electrical equipment and associated wiring in Class I locations may be so constructed and arranged as to maintain a positive air pressure or inert gas pressure within the enclosures of the electrical equipment and associated wiring, in which case the provisions of Rules 18-032 to 18-094 of this Code need not apply, but such installations shall be made to the satisfaction of the inspection department.

**18-028 Intrinsically Safe Electrical Equipment and Wiring**

(1) Electrical equipment and associated wiring approved as intrinsically safe may be installed in any hazardous location for which it is approved, and the provisions of Rules 18-032 to 18-214 of this Code need not apply.

(2) Raceways for intrinsically safe wiring and equipment in Class I locations shall be properly sealed to prevent migration of gas or vapour into enclosures or raceways required to be explosion-proof, as well as to other locations.

(3) The conductors in an intrinsically safe circuit shall not be placed in any raceway, compartment, outlet, junction box, or similar fitting with the conductors of any other system, unless the conductors of the two systems are separated by a suitable barrier.

**18-030 Cabletroughs and Ventilated Flexible Cableway.** Cabletroughs and ventilated flexible cableway shall not be used to support cables in hazardous locations except where:

- (a) The type of cable is approved in rules of this Section for use in the particular hazardous location;
- (b) The type of cable is approved for use in cabletroughs and ventilated flexible cableway in accordance with Rules 12-2204 and 12-2304 respectively; and
- (c) There can be no hazardous accumulation of combustible process dust or fibre in or upon the cable, the cabletrough, the ventilated flexible cableway, or the supports.

**CLASS I LOCATION**

**Installation in Class I, Division 1 Locations**

**18-032 Transformers and Capacitors, Class I, Division 1**

(1) Transformers and electrical capacitors which contain a liquid that will burn shall be installed in electrical equipment vaults in accordance with Rules 26-160 to 26-174, and:

- (a) There shall be no door or other connecting opening between the vault and the hazardous area;

- (b) The vault shall be so ventilated as to ensure the continuous removal of hazardous gases or vapours;

- (c) Vent-openings or vent-ducts shall lead to a safe location outside the building containing the vault;

- (d) Vent-openings and vent-ducts shall be of sufficient area to relieve pressure caused by explosions within the vault; and

- (d) Vent-openings and vent-ducts shall be of sufficient area to relieve pressure caused by explosions within the vault; and

- (e) Every portion of a vent-duct within the building shall be constructed of reinforced concrete.

(2) Transformers and electrical capacitors which do not contain a liquid that will burn shall be:

- (a) Installed in electrical equipment vaults conforming to Subrule (1); or

- (b) Of explosion-proof type approved for Class I locations.

**18-034 Meters, Instruments, and Relays, Class I, Division 1**

(1) Where practicable, meters, instruments, and relays, including kilowatt-hour meters, instrument transformers and resistors, rectifiers and thermionic tubes shall be located outside the hazardous location.

(2) Where it is not practicable to install meters, instruments, and relays outside Class I, Division 1 locations, they shall be provided with explosion-proof enclosures approved for Class I locations.

**18-036 Wiring Methods, Class I, Division 1**

(1) The wiring method shall be threaded rigid metal conduit or mineral-insulated cable other than the light-weight type with termination fittings approved for the location.

(2) All boxes, fittings, and joints shall be threaded for connection to conduit or cable terminations, and shall be explosion-proof with boxes and fittings approved for Class I locations.

(3) Threaded joints shall have at least 5 full threads fully engaged, and running threads shall not be used for coupling lengths of conduit.

(4) Mineral-insulated cable other than the light-weight type shall be installed and supported in a manner to avoid tensile stress at the termination fittings.

(5) Where it is necessary to use flexible connections at motor terminals and similar places, flexible fittings of the explosion-proof type approved for the location shall be used.

**18-038 Sealing, Class I, Division 1**

(1) Seals shall be provided in conduit systems to prevent the passage of gases, vapours or flames from one portion of the electrical installation to another through the conduit.

(2) Passage of gases, vapours or flames through mineral-insulated cable other than the light-weight type is inherently prevented by construction of the cable, but sealing compound shall be used in cable

termination fittings to exclude moisture and other fluids from the cable insulation, and shall be of a type approved for the conditions of use.

(3) Seals shall be located:

(a) In each run of conduit entering an enclosure for switches, circuit breakers, fuses, relays, resistors, or other apparatus which may produce arcs, sparks, or high temperatures and shall be as close as practicable to and in any case not more than 18 inches from the enclosure;

(b) In each run of conduit of 2-inch size or larger entering an enclosure, terminal box or junction-box within 18 inches of the enclosure or box; and

(c) In each run of conduit leaving a Class I, Division 1 location with no box, coupling, or fitting in the conduit run between the seal and the point at which the conduit leaves the location.

(4) Where seals are required, they shall conform to the following:

(a) The seal shall be made:

(i) In a field installed sealing fitting approved for the location; or

(ii) In a sealing fitting provided as part of an approved enclosure and where the seal is factory-made the enclosure shall be so marked to indicate that such a seal is provided, except that motors and generators approved for the location need not be so marked.

(b) Sealing compound shall be approved for the purpose, shall not be affected by the surrounding atmosphere or liquids, and shall not have a melting point of less than 93C (200F);

(c) In the completed seal, the minimum thickness of the sealing compound shall be not less than the trade size of the conduit, and in no case less than  $\frac{5}{8}$  inch;

(d) Splices and taps shall not be made in fittings intended only for sealing with compound, nor shall other fittings in which splices or taps are made be filled with compound;

(e) Where there is a probability that liquid or other condensed vapour may be trapped within enclosures for control equipment or at any point in the raceway system, approved means shall be provided to prevent accumulation or to permit periodic draining of such liquid or condensed vapour; and

(f) Where the authority enforcing this Code judges that there is a probability that liquid or condensed vapour may accumulate within motors or generators, joints and conduit systems shall be arranged to minimize entrance of liquid, but if means to prevent accumulation or permit periodic draining are judged necessary, such means shall be provided at the time of manufacture, and shall be deemed an integral part of the machine.

**18-040 Switches, Motor Controllers, Circuit-Breakers and Fuses, Class I, Division 1.** Switches, motor controllers, circuit-breakers and fuses, including push buttons, relays, and similar devices shall be

provided with enclosures, and the enclosure in each case together with the enclosed apparatus shall be approved as a complete assembly for use in Class I locations.

**18-042 Control Transformers and Resistors, Class I, Division 1.** Transformers, impedance coils and resistors used as or in conjunction with control equipment for motors, generators and appliances and the switching mechanism, if any, associated with them, shall be provided with explosion-proof enclosures approved for Class I locations.

**18-044 Motors and Generators, Class I, Division 1.** Motors, generators and other rotating electrical machines shall be of the explosion-proof type approved for Class I locations.

**18-046 Lighting Fixtures, Class I, Division 1**

(1) Fixtures for fixed and portable lighting shall be approved as complete assemblies for Class I locations and shall be clearly marked to indicate the maximum wattage of lamps for which they are approved.

(2) Fixtures intended for portable use shall be specifically approved as complete assemblies for that use.

(3) Each fixture shall be protected against physical damage by a suitable guard or by location.

(4) Pendent fixtures shall be:

(a) Suspended by and supplied through threaded rigid conduit stems, and threaded joints shall be provided with set screws or other effective means to prevent loosening;

(b) For stems longer than 12 inches, provided with permanent and effective bracing against lateral displacement at a level not more than 12 inches above the lower end of the stem, or provided with flexibility in the form of a fitting or flexible connector approved for the purpose and for the location not more than 12 inches from the point of attachment to the supporting box or fitting.

(5) Boxes, box assemblies or fittings used for the support of lighting fixtures shall be approved for the purpose and for Class I locations.

**18-048 Utilization Equipment, Fixed and Portable, Class I, Division 1.** Utilization equipment, fixed and portable, including electrically-heated and motor-driven equipment, shall be approved for Class I locations.

**18-050 Flexible Cords, Class I, Division 1.** Flexible cords may be used only for connection between a portable lamp or other portable utilization equipment and the fixed portion of its supply circuit and where used shall:

(a) Be of a type approved for extra hard usage;

(b) Contain, in addition to the conductors of the circuit, a grounding conductor;

(c) Be connected to terminals or to supply conductors in an approved manner;

(d) Be supported by clamps or by other suitable means in such a manner that there will be no tension on the terminal connections; and



- (e) Be provided with acceptable seals at the places where the flexible cord enters a box, fitting or enclosure of the explosion-proof type.

**18-052 Receptacles and Attachment Plugs, Class I, Division 1.** Receptacles and attachment plugs shall be of the type providing for connection to the grounding conductor of the flexible cord, and shall be approved for Class I locations.

**18-054 Conductor Insulation, Class I, Division 1.** Where condensed vapours or liquids may collect on or come in contact with the insulation on conductors, such insulation shall be of a type approved for use under such conditions or the insulation shall be protected by a sheath of lead or by other approved means.

**18-056 Signalling, Alarm, Remote-Control, and Communication Systems, Class I, Division 1**

(1) Where all or part of the apparatus and equipment of signalling, alarm, remote-control, and communication systems of any voltage is contained in Class I, Division 1 locations, the apparatus and equipment shall be approved for Class I locations.

(2) The wiring of the system shall comply with Rule 18-036.

**18-058 Live Parts, Class I, Division 1.** No live parts of electrical equipment or of an electrical installation shall be exposed.

**18-060 Grounding and Bonding, Class I, Division 1**

(1) Exposed non-current-carrying metal parts of electrical equipment, including the frames or metal exteriors of motors, fixed or portable lamps or other utilization equipment, lighting fixtures, cabinets, cases, and conduit shall be grounded in accordance with Section 10.

(2) The grounding path continuity and adequacy in a hazardous location and in a non-hazardous location from which the hazardous location is supplied, shall be ensured by the use of threaded connections, bonding jumpers with proper fittings, or other approved means, meeting the requirements of Rule 10-612.

**Installation in Class I, Division 2 Locations**

**18-062 Transformers and Capacitors, Class I, Division 2.** Transformers and capacitors shall conform to Section 26 of this Code.

**18-064 Meters, Instruments, and Relays, Class I, Division 2**

(1) Where practicable, meters, instruments, and relays, including kilowatt-hour meters, instrument transformers and resistors, rectifiers and thermionic tubes, shall be located outside the hazardous location.

(2) Where it is not practicable to install meters, instruments, and relays outside Class I, Division 2 locations, they shall conform to the following:

- (a) Meters, instruments, and relays in which are incorporated contacts for making or breaking current shall be provided with explosion-proof enclosures approved for Class I locations, but general-purpose enclosures may be used where the contacts are:

- (i) Immersed in oil; or

- (ii) Enclosed within a chamber hermetically sealed against the entrance of gases or vapours; or

- (iii) In acceptable non-incendive circuits;

- (b) Resistors, resistance devices, thermionic tubes, and rectifiers, which are used in or in connection with meters, instruments, and relays, shall be provided with explosionproof enclosures approved for Class I locations, except that enclosures may be of the general purpose type when such equipment is without make and break or sliding contacts (other than contacts used in conjunction with thermocouples or in other non-incendive circuits) and when the maximum operating temperature of any exposed surface will not exceed 80 per cent of the ignition temperature in degrees Centigrade of the gas or vapour involved as determined by ASTM Standard D2155-66, Method of Test for Autoignition Temperatures of Liquid Petroleum Products;

- (c) Transformer windings, impedance coils, solenoids, and other windings which do not incorporate sliding, or make and break contacts, shall be provided with enclosures which may be of the general-purpose type where vents adequate to permit prompt escape of any gases or vapours are provided; and

- (d) Where an assembly is made up of components for which general-purpose enclosures are acceptable by this Rule:

- (i) A single general-purpose enclosure may be provided for the assembly; and

- (ii) Where such an assembly includes any of the equipment described in paragraph (b) the maximum obtainable surface temperature of any component of the assembly shall be clearly and permanently indicated on the outside of the enclosure, unless the complete assembly is approved for the location.

**18-066 Wiring Methods, Class I, Division 2**

(1) The wiring method shall be threaded rigid metal conduit, or mineral-insulated cable other than the light-weight type with termination fittings approved for Class I locations.

(2) Mineral-insulated cable other than the light-weight type shall be installed and supported in a manner to avoid tensile stress at the termination fittings.

(3) Where it is necessary to use flexible connections at motor terminals and similar places, flexible conduit may be used.

(4) Boxes, fittings and joints need not be explosion-proof except as required by Rule 18-068 (4).

**18-068 Sealing, Class I, Division 2**

(1) Seals shall be provided in conduit systems to prevent the passage of gases, vapours, or flames from one portion of the electrical installation to another through the conduit.

(2) Passage of gases, vapours, or flames through mineral-insulated cable other than the light-weight



type is inherently prevented by construction of the cable, but sealing compound shall be used in cable termination fittings to exclude moisture and other fluids from the cable insulation, and shall be of a type approved for the conditions of use.

(3) Seals shall be located:

- (a) In each run of conduit entering an enclosure which is required to be explosion-proof, as close as practicable to, and in any case not more than 18 inches from, the enclosures; and
- (b) In each run of conduit leaving the hazardous location with no box, coupling, or fitting in the conduit run between the seal and the point at which the conduit leaves the location.

(4) Where a run of conduit enters an enclosure which is required to be explosion-proof, every part of the conduit from the seal to the explosion-proof enclosure shall comply with Rule 18-036.

(5) Where seals are required, Rule 18-038 (4) shall apply.

**18-070 Switches, Controllers, and Circuit Breakers Class 1, Division 2.** Where circuit breakers, controllers and switches are intended to interrupt electrical current in the normal performance of the function for which they are installed, they shall be provided with enclosures approved for Class 1 locations, unless general-purpose enclosures are provided and:

- (a) The interruption of current occurs within a chamber hermetically sealed against the entrance of gases and vapours; or
- (b) The current-interrupting contacts are immersed in oil, and the device is approved for locations of this class and division.

**18-072 Isolating Switches, Class 1, Division 2.** Isolating switches shall conform to the following:

- (a) They shall be so interlocked with their associated current-interrupting devices that they cannot be opened under load; and
- (b) They may have enclosures of the general-purpose type, provided they are unfused.

**18-074 Fuses for Motors, Appliances, and Portable Lamps, Class 1, Division 2.** Where fuses are used in Class 1, Division 2 locations for the protection of motors, appliances, and portable lamps:

- (a) A standard plug fuse or cartridge fuse may be used if placed within an explosion-proof enclosure approved for the class of the location; or
- (b) A fuse of a type in which the operating element is immersed in oil or other approved liquid, or is enclosed within a chamber hermetically sealed against the entrance of gases and vapours, may be used if approved for the purpose and placed within a general-purpose enclosure.

**18-076 Sets of Fuses or Circuit Breakers for Fixed Lighting, Class 1, Division 2.**

(1) In this Rule, "sets of fuses" means a group containing as many fuses as are required to perform a single protective function in a circuit, but excluding fuses conforming to Rule 18-074.

(2) Where:

- (a) Not more than 10 sets of approved enclosed fuses; or
- (b) Not more than 10 circuit breakers which are not used as switches for the normal operation of the lamps,

are installed in Class 1, Division 2 locations for the protection of a branch circuit or a feeder circuit which supplies only lamps in a fixed position, the enclosures for the fuses or circuit breakers may be of the general-purpose type.

**18-078 Control Transformers and Resistors, Class 1, Division 2**

(1) Where switching mechanisms are used in conjunction with transformers, impedance coils, or resistors, they shall comply with Rule 18-070.

(2) The enclosures for the windings of transformers or impedance coils may be of the general-purpose type but shall be provided with vents adequate to permit the prompt escape of gases or vapours which may enter the enclosure.

(3) Resistors shall be provided with explosionproof enclosures approved as complete assemblies with the resistors for Class 1 locations, unless the resistance is non-variable and the maximum operating temperature in degrees Centigrade will not exceed 80 per cent of the ignition temperature of the gas or vapour involved as determined by ASTM Standard D2155-66, Method of Test for Autoignition Temperatures of Liquid Petroleum Products.

**18-080 Motors and Generators, Class 1, Division 2**

(1) Motors, generators, and other rotating electrical machines, in which are incorporated arcing or spark producing components or integral resistance devices shall be of the explosionproof type approved for Class 1 locations unless the arcing or spark producing components or integral resistance devices are provided with enclosures approved for Class 1 locations.

(2) Motors, generators, and other rotating electrical machines which do not incorporate arcing or spark producing components or integral resistance devices may be of the open or non-explosionproof type.

**18-082 Lighting Fixtures, Class 1, Division 2**

(1) Lighting fixtures shall conform to the following:

- (a) Portable lamps shall conform to Rule 18-046 (1) and (2); and
- (b) Fixed lighting:
  - (i) Shall be protected from physical damage by acceptable guards or by location;
  - (ii) Shall be approved as complete assemblies for Class 1, Division 2 locations and shall be clearly marked to indicate the maximum wattage, voltage, and specific type designations of the lamps for which they are approved.

(2) Pendent fixtures shall be:

- (a) Suspended by threaded rigid conduit stems or by other approved means;
- (b) For stems longer than 12 inches, provided with permanent and effective bracing against lateral displacement at a level not more than 12 inches

above the lower end of the stem, or flexibility in the form of a fitting or flexible connector approved for the purpose shall be provided not more than 12 inches from the point of attachment to the supporting box or fitting.

(3) Boxes, box assemblies, or fittings used for the support of lighting fixtures shall be approved for the purpose.

(4) Switches which are part of an assembled fixture or of an individual lampholder shall conform to Rule 18-070.

(5) Starting and control equipment for mercury-vapour and fluorescent lamps shall conform to Rule 18-078.

#### **18-084 Utilization Equipment, Fixed and Portable, Class I, Division 2**

(1) Electrically heated utilization equipment, whether fixed or portable, shall be approved for Class I locations.

(2) Motors of motor-driven utilization equipment shall conform to Rule 18-080.

(3) Switches, circuit breakers, and fuses forming part of or used in connection with utilization equipment, shall conform to Rules 18-070 to 18-074.

**18-086 Flexible Cords, Class I, Division 2.** Flexible cords shall conform to Rule 18-050.

**18-088 Receptacles and Attachment Plugs, Class I, Division 2.** Receptacles and attachment plugs shall conform to Rule 18-052.

#### **18-090 Signalling, Alarm, Remote Control, and Communication Systems, Class I, Division 2**

(1) Switches and circuit breakers, and make-and-break contacts of push buttons, relays, and alarm bells or horns shall have explosion-proof enclosures approved for Class I locations, unless general-purpose enclosures are provided and current-interrupting contacts are:

- (a) Immersed in oil; or
- (b) Enclosed within a chamber hermetically sealed against the entrance of gases or vapours; or
- (c) In acceptable non-incendive circuits.

(2) Resistors, resistance devices, thermionic tubes, and rectifiers used in a Class I, Division 2 location shall conform to Rule 18-064 (2) (b).

(3) Enclosures, which may be of the general-purpose type, shall be provided for lightning protective devices and for fuses.

**18-092 Live Parts, Class I, Division 2.** No live parts of electrical equipment or of an electrical installation shall be exposed.

#### **18-094 Grounding and Bonding, Class I, Division 2**

(1) Electrical equipment shall be grounded in the manner required by Rule 18-060.

(2) Where flexible conduit is used as permitted in Rule 18-066 (3), bonding jumpers with proper fittings shall be provided around such conduit.

## **CLASS II LOCATIONS**

### **Installations in Class II, Division 1 Locations**

#### **18-096 Transformers and Capacitors, Class II, Division 1**

(1) Transformers and electrical capacitors which contain a liquid that will burn shall be installed in electrical equipment vaults in accordance with Rules 26-160 to 26-174; and

(a) Doors or other openings communicating with the hazardous area shall have self-closing fire doors on both sides of the wall, and the doors shall be carefully fitted and provided with suitable seals (such as weather stripping) to minimize the entrance of dust into the vault;

(b) Vent openings and ducts shall communicate only with the air outside the building; and

(c) Suitable pressure-relief openings communicating only with the air outside the building shall be provided.

(2) Transformers and electrical capacitors which do not contain a liquid that will burn shall be:

(a) Installed in electrical equipment vaults conforming to Subrule (1); or

(b) Approved as a complete assembly including terminal connections for Class II locations.

(3) No transformer or capacitor shall be installed in a location where dust from magnesium, aluminum, aluminum bronze powders, or other metals of similarly hazardous characteristics may be present.

#### **18-098 Wiring Methods, Class II, Division 1**

(1) The wiring methods shall be threaded rigid metal conduit, mineral-insulated cable other than the light-weight type with termination fittings approved for the location, or aluminum-sheathed cable with termination fittings approved for the location.

(2) Boxes, fittings and joints shall be threaded for connection to conduit or cable terminations, and boxes and fittings shall be approved for Class II locations.

(3) Mineral-insulated cable other than the light-weight type and aluminum-sheathed cable shall be installed and supported in a manner to avoid tensile stress at the termination fittings.

(4) Where it is necessary to use flexible connections, flexible connection fittings approved for the location, or flexible cord approved for extra-hard usage and provided with bushed fittings on each end approved for the location shall be used.

(5) Where flexible connections are subject to oil or other corrosive conditions, the insulation of the conductors shall be of a type approved for the condition or shall be protected by means of a suitable sheath.

(6) Where flexible cords are used, they shall incorporate a grounding conductor.

**18-100 Sealing, Class II, Division 1.** Where a raceway provides communication between an enclosure which is required to be dust-tight and one which is not, the entrance of dust into the dust-tight enclosure through the raceway shall be prevented by:



- (a) A permanent and effective seal;
- (b) A horizontal section not less than 10 feet long in the raceway; or
- (c) A vertical section of raceway not less than 5 feet long and extending downward from the dust-tight enclosure.

**18-102 Switches, Controllers, Circuit Breakers, and Fuses, Class II, Division 1.** Switches, motor controllers, circuit breakers, and fuses, including push buttons, relays, and similar devices shall be provided with a dust-tight enclosure approved for Class II locations.

**18-104 Control Transformers and Resistors, Class II, Division 1.** Transformers, impedance coils, and resistors used as or in conjunction with control equipment for motors, generators or electric appliances and the overcurrent devices or switching mechanisms, if any, associated with them shall be provided with a dust-tight enclosure approved for Class II locations.

**18-106 Motors and Generators, Class II, Division 1.** Motors, generators, and other rotating electrical machines shall be approved for Class II locations.

**18-108 Ventilating Pipes, Class II, Division 1**

(1) Every vent pipe for a motor, generator, or other rotating electrical machine or for enclosures for electrical apparatus or equipment shall:

- (a) Be of metal or of an equally substantial non-combustible material;
- (b) If of metal, be not less than 0.0209 inch (No. 24 MSG) thick;
- (c) Lead directly to a source of clean air outside a building;
- (d) Be screened at the outer end to prevent the entrance of animals or birds; and
- (e) Be protected against mechanical damage and corrosion.

(2) Every vent pipe and its connection to a motor or to a dust-tight enclosure for other equipment or apparatus shall be dust-tight throughout its entire length.

(3) The seams and joints of every metal vent pipe shall be:

- (a) Riveted and soldered;
  - (b) Bolted and soldered;
  - (c) Welded; or
  - (d) Rendered dust-tight by some other equally effective means.
- (4) No exhaust pipe shall discharge inside a building.

**18-110 Utilization Equipment, Fixed and Portable, Class II, Division 1.** Utilization equipment, fixed and portable, including electrically heated and motor-driven equipment shall be approved for Class II locations.

**18-112 Lighting Fixtures, Class II, Division 1**

(1) Fixtures for fixed and portable lighting shall be approved as complete assemblies for Class II locations

and shall be clearly marked to indicate the maximum wattage of lamps for which they are approved.

(2) Fixtures intended for portable use shall be specifically approved as complete assemblies for that use.

(3) Each fixture shall be protected against physical damage by a suitable guard or by location.

(4) Pendent fixtures shall be:

- (a) Suspended by threaded rigid conduit stems or chains with approved fittings or by other approved means which shall not include a flexible cord as the supporting medium, and threaded joints shall be provided with set screws or other effective means to prevent loosening;
- (b) For rigid stems longer than 12 inches, provided with permanent and effective bracing against lateral displacement at a level not more than 12 inches above the lower end of the stem, or provided with flexibility in the form of a fitting or flexible connector approved for the purpose and for the location not more than 12 inches from the point of attachment to the supporting box or fitting; and

(c) Where wiring between an outlet box or fitting and the fixture is not enclosed in conduit, provided with a flexible cord approved for extra hard usage and suitable seals where the cord enters the fixture and the outlet box or fitting.

(5) Boxes, box assemblies or fittings used for the support of lighting fixtures shall be approved for the purpose and Class II locations.

**18-114 Flexible Cords, Class II, Division 1.** Flexible cords used shall:

- (a) Be of a type approved for extra hard usage;
- (b) Contain a grounding conductor in addition to the conductors of the circuit;
- (c) Be supported by clamps or by other suitable means so there is no tension on the terminal connections; and
- (d) Be provided with suitable seals to prevent the entrance of dust at the point where the cord enters a box or fitting which is required by this Section to be dust-tight.

**18-116 Receptacles and Attachment Plugs, Class II, Division 1.** Receptacles and attachment plugs shall be approved for Class II locations.

**18-118 Signalling, Alarm, Remote-Control, and Communication Systems, Class II, Division 1**

(1) Where all or part of the apparatus and equipment of signalling, alarm, remote control, and communication systems is contained in Class II, Division 1 locations, the apparatus and equipment shall be provided with dust-tight enclosures approved for Class II locations, except that:

- (a) Devices which carry or interrupt only a voice current need not be provided with such enclosures; and
- (b) Current-breaking contacts which are immersed in oil or enclosed in a chamber sealed against the entrance of dust may be provided with a general-purpose enclosure if the prevailing dust is electrically non-conductive.



(2) The wiring of the system shall comply with Rule 18-098.

**18-120 Live Parts, Class II, Division 1.** No live parts of electrical equipment or of an electrical installation shall be exposed.

**18-122 Grounding and Bonding, Class II, Division 1.** Electrical equipment shall be grounded in the manner prescribed by Rule 18-060.

#### Installation in Class II, Division 2 Locations

##### 18-124 Transformers and Capacitors, Class II, Division 2

(1) Transformers and electrical capacitors which contain a liquid that will burn shall be installed in electrical equipment vaults in accordance with Rules 26-160 to 26-174.

(2) Transformers and electrical capacitors which contain a liquid that will not burn shall be:

- (a) Installed in electrical equipment vaults in accordance with Rule 26-160 to 26-174; or
- (b) Approved for Class II locations.

(3) Dry core transformers installed in Class II, Division 2 locations shall:

- (a) Be installed in electrical equipment vaults in accordance with Rules 26-160 to 26-174; or
- (b) Have their windings and terminal connections enclosed in tight metal housings without ventilating or other openings and operate at not more than 750 volts.

##### 18-126 Wiring Methods, Class II, Division 2

(1) The wiring method shall be rigid metal conduit, mineral-insulated cable other than the light-weight type, aluminum-sheathed cable, or Type TECK cable with overall covering (outer jacket).

(2) Boxes and fittings in which taps, joints or terminal connections are made shall be designed to minimize the entrance of dust, and shall:

- (a) Be provided with telescoping or close-fitting covers, or other effective means to prevent the escape of sparks or burning material; and
- (b) Have no openings, such as holes for attachment screws, through which, after installation, sparks or burning material might escape, or through which exterior accumulations of dust or adjacent combustible material might be ignited.

(3) Mineral-insulated cable other than the light-weight type, aluminum-sheathed cable and type TECK cable shall be:

- (a) Installed with termination fittings approved for the location; and
- (b) Installed and supported in a manner to avoid tensile stress at the termination fittings.

(4) Where it is necessary to use flexible connections the provisions of Rule 18-098 (4), (5), (6) shall apply.

**18-128 Sealing, Class II Division 2.** Sealing of raceways shall conform to Rule 18-100.

##### 18-130 Switches, Controllers, Circuit Breakers, and Fuses, Class II, Division 2

(1) Except as provided by Subrule (2), switches, motor controllers, circuit breakers and fuses, including push buttons, relays and similar devices shall be provided with tight metal enclosures which shall be designed to minimize the entrance of dust, and which shall:

- (a) Be equipped with telescoping or close-fitting covers, or with other effective means to prevent the escape of sparks or burning material; and
- (b) Have no openings, such as holes for attachment screws, through which, after installation, sparks or burning material might escape, or through which exterior accumulations of dust or adjacent combustible material might be ignited.

(2) In locations where dust from magnesium, aluminum, aluminum bronze powders, or other metals of similarly hazardous characteristics may be present, switches, motor controllers, circuit breakers and fuses shall have dust-tight enclosures approved for such locations.

##### 18-132 Control Transformers and Resistors, Class II, Division 2

(1) Switching mechanisms, including overcurrent devices, used in conjunction with control transformers, impedance coils, and resistors shall be provided with enclosures conforming to Rule 18-130.

(2) Where not located in the same enclosure with switching mechanisms, control transformers and impedance coils shall be provided with tight metal housings without ventilating openings.

(3) Resistors and resistance devices shall have dust-tight enclosures approved for Class II locations, except that where the maximum normal operating temperature of the resistor will not exceed 120°C. (248°F.), non-adjustable resistors and resistors which are part of an automatically timed starting sequence may have enclosures conforming to Subrule (2).

##### 18-134 Motors and Generators, Class II, Division 2

(1) Except as provided in Subrule (2), motors, generators, and other rotating electrical machinery shall be:

- (a) Approved for Class II, or Class II, Division 2 locations; or
- (b) Ordinary totally enclosed pipe-ventilated or totally enclosed fan-cooled subject to the following:
  - (i) The winding insulation shall be Class A or Class B; and
  - (ii) If drain holes are provided they shall be closed with threaded plugs.

(2) Where, in the judgment of an inspector, only moderate quantities of non-conducting, non-abrasive dust are likely to accumulate in a location and the equipment in the location is readily accessible for routine maintenance, there may be installed in the location;

- (a) Standard open-type machines having Class A insulation without sliding contacts, centrifugal or other types of switching mechanism, including motor overcurrent devices or integral resistance devices; and
- (b) Standard open-type machines having Class A insulation which have the contacts, switching mechanisms, or resistance devices enclosed in accordance with Rule 18-130.

#### 18-136 Ventilation Pipes, Class II, Division 2

(1) Vent pipes for motors, generators, or other rotating electrical machinery, or for enclosures for electrical apparatus or equipment, shall conform to Rule 18-108 (1).

(2) Vent pipes and their connections shall be sufficiently tight to prevent the entrance of appreciable quantities of dust into the ventilated equipment or enclosure, and to prevent the escape of sparks, flame or burning material which might ignite accumulations of dust or combustible material in the vicinity.

(3) Where metal vent pipes are used, lock seams and riveted or welded joints may be used and, where some flexibility is necessary, as at connections to motors, tight-fitting slip joints may be used.

#### 18-138 Utilization Equipment, Fixed and Portable, Class II, Division 2

(1) Electrically heated utilization equipment, whether fixed or portable, shall be approved for Class II locations.

(2) Motors of motor-driven utilization equipment shall conform to Rule 18-134.

(3) The enclosure for switches, circuit breakers, and fuses shall conform to Rule 18-130.

(4) Transformers, impedance coils, and resistors forming part of or used in connection with utilization equipment shall conform to Rule 18-132 (2), (3).

(5) Where portable utilization equipment may be used in Class II, Division 1 locations and in Class II, Division 2 locations, it shall conform to Rule 18-110.

#### 18-140 Lighting Fixtures, Class II, Division 2

(1) Lighting fixtures shall conform to the following:

(a) Portable lamps shall be approved as complete assemblies for Class II locations and shall be clearly marked to indicate the maximum wattage of lamps for which they are approved; and

(b) Fixed lighting, shall:

(i) Be protected from physical damage by acceptable guards or by location;

(ii) Provide enclosures for lamps and lamp-holders which shall be designed to minimize the deposit of dust on lamps and to prevent the escape of sparks, burning material or hot metal;

(iii) Be clearly marked to indicate the maximum wattage of lamps for which they may be used without exceeding a maximum exposed surface temperature of 165°C. (329°F.) under normal conditions of use.

(2) Pendant fixtures shall be:

(a) Suspended by threaded rigid conduit stems or chains with approved fittings, or by other approved means, which shall not include flexible cord as the supporting medium;

(b) For rigid stems longer than 12 inches, provided with permanent and effective bracing against lateral displacement at a level not more than 12 inches above the lower end of the stem, or provided with flexibility in the form of a fitting or flexible connector approved for the purpose not more than 12 inches from the point of attachment to the supporting box or fitting; and

(c) Where wiring between an outlet box or fitting and the fixture is not enclosed in conduit, provided with a flexible cord approved for extra hard usage.

(3) Boxes, box assemblies or fittings used for the support of lighting fixtures shall be approved for that purpose.

(4) Starting and control equipment for mercury vapour and fluorescent lamps shall conform to Rule 18-132.

#### 18-142 Flexible Cords, Class II, Division 2. Flexible cords shall conform to Rule 18-114.

#### 18-144 Receptacles and Attachment Plugs, Class II, Division 2. Receptacles and attachment plugs shall be:

(a) Of a polarized type which affords automatic connection to the grounding conductor of the flexible supply cord; and

(b) Designed so that the connection to the supply circuit cannot be made or broken while live parts are exposed.

#### 18-146 Signalling, Alarm, Remote Control, and Communication Systems, Class II, Division 2. Where all or part of the apparatus and equipment of signalling, alarm, remote control, and communication systems is contained in Class II, Division 2 locations:

(a) Contacts which interrupt other than voice currents shall be enclosed in conformity with Rule 18-130;

(b) The windings and terminal connections of transformers and choke coils which may carry other than voice currents shall be provided with tight metal enclosures without ventilating openings; and

(c) Resistors, resistance devices, thermionic tubes, and rectifiers which may carry other than voice currents shall be provided with dust-tight enclosures approved for Class II locations, except that where the maximum normal operating temperature of thermionic tubes, non-adjustable resistors or rectifiers will not exceed 120°C. (248°F.), such devices may have tight metal enclosures without ventilating openings.

#### 18-148 Live Parts, Class II, Division 2. No live parts of electrical equipment or of an electrical installation shall be exposed.

#### 18-150 Grounding and Bonding, Class II, Division 2. All electrical equipment shall be grounded in the manner required by Rule 18-060.



**CLASS III LOCATIONS****Installation in Class III, Division 1 Locations**

**18-152 Transformers and Capacitors, Class III, Division 1.** Transformers and electrical capacitors shall conform to Rule 18-124.

**18-154 Wiring Methods, Class III, Division 1**

(1) The wiring method shall be rigid metal conduit, mineral-insulated cable other than the light-weight type, aluminum-sheathed cable, or type TECK cable with overall covering (outer jacket).

(2) Boxes and fittings in which taps, joints, or terminal connections are made shall:

- (a) Be provided with telescoping or close fitting covers, or other effective means to prevent the escape of sparks or burning material; and
- (b) Have no openings, such as holes for attachment screws, through which, after installation, sparks or burning material might escape, or through which adjacent combustible material might be ignited.
- (3) Mineral-insulated cable other than the light-weight type, aluminum-sheathed cable and type TECK cable shall be:

- (a) Installed with termination fittings approved for the location; and
- (b) Installed and supported in a manner to avoid tensile stress at the termination fittings.
- (4) Where it is necessary to use flexible connections the provisions of Rule 18-098 (4), (5), and (6) shall apply.

**18-156 Switches, Controllers, Circuit Breakers and Fuses, Class III, Division 1.** Switches, motor controllers, circuit breakers, and fuses, including push buttons, relays and similar devices, shall be provided with tight metal enclosures designed to minimize entrance of fibres and flyings, and which shall:

- (a) Be equipped with telescoping or close fitting covers, or with other effective means to prevent escape of sparks or burning material; and
- (b) Have no openings, such as holes for attachment screws, through which, after installation, sparks or burning material might escape or through which exterior accumulations of fibres or flyings or adjacent combustible material might be ignited.

**18-158 Control Transformers and Resistors, Class III, Division 1.** Transformers, impedance coils, and resistors used as or in conjunction with control equipment for motors, generators, and appliances, shall conform to Rule 18-132, with the exception that, when these devices are in the same enclosure with switching devices of such control equipment, and are used only for starting or short-time duty, the enclosure shall conform to the requirements of Rule 18-156.

**18-160 Motors and Generators, Class III, Division 1**

(1) Except as provided in Subrule (2), motors, generators, and other rotating electrical machinery shall be:

- (a) Totally enclosed non-ventilated;
- (b) Totally enclosed pipe-ventilated; or
- (c) Totally enclosed fan-cooled.

(2) Where, in the judgment of an inspector, only moderate accumulations of lint and flyings are likely to collect on, in, or in the vicinity of a rotating electrical machine and the machine is readily accessible for routine cleaning and maintenance, there may be installed in the location:

- (a) Standard open-type machines without sliding contacts, centrifugal, or other types of switching mechanism, including motor overload devices;
- (b) Standard open-type machines which have contacts, switching mechanisms, or resistance devices enclosed within tight metal housings without ventilating or other openings; or
- (c) Self-cleaning textile motors of the squirrel-cage type.
- (3) Motors, generators, or other rotating electrical machinery of the partially enclosed or splash-proof type shall not be installed in Class III locations.

**18-162 Ventilating Pipes, Class III, Division 1**

(1) Vent pipes for motors, generators, or other rotating electrical machinery or for enclosures for electrical apparatus or equipment shall conform to Rule 18-108 (1).

(2) Vent pipes and their connections shall be sufficiently tight to prevent the entrance of appreciable quantities of fibres or flyings into the ventilated equipment or enclosure, and to prevent the escape of sparks, flame, or burning material which might ignite accumulations of fibres or flyings or combustible material in the vicinity.

(3) Where metal vent pipes are used, lock seams and riveted or welded joints may be used and, where some flexibility is necessary, tight-fitting slip joints may be used.

**18-164 Utilization Equipment, Fixed and Portable, Class III, Division 1**

(1) Electrically heated utilization equipment, whether fixed or portable, shall be approved for Class III locations.

(2) Motors of a motor-driven utilization equipment shall conform to Rule 18-192.

(3) The enclosures for switches, motor controllers, circuit breakers, and fuses shall conform to Rule 18-156.

**18-166 Lighting Fixtures, Class III, Division 1**

(1) Lighting fixtures shall conform to the following:

- (a) Portable lamps shall:
  - (i) Be equipped with handles;
  - (ii) Be protected with substantial guards;
  - (iii) Have lampholders of the unswitched type with no exposed metal parts and without provision for receiving attachment plugs; and
  - (iv) In all other aspects comply with Rule 18-166 (1) (b).



## (b) Fixed lighting shall:

- (i) Provide enclosures for lamps and lamp-holders which shall be designed to minimize entrance of fibres and flyings and to prevent the escape of sparks, burning material, or hot metal;
- (ii) Be clearly marked to indicate the maximum wattage lamp which may be used without exceeding a maximum exposed surface temperature of 165°C. (329°F.) under normal conditions of use.

(2) Lighting fixtures which may be exposed to physical damage shall be protected by a suitable guard.

(3) Pendant fixtures shall comply with Rule 18-140 (2).

(4) Boxes, box assemblies or fittings used for the support of lighting fixtures shall be approved for that purpose.

(5) Starting and control equipment for mercury vapour and fluorescent lamps shall comply with Rule 18-158.

**18-168 Flexible Cords, Class III, Division 1.** Flexible cords shall comply with Rule 18-114.

**18-170 Receptacles and Attachment Plugs, Class III, Division 1.** Receptacles and attachment plugs shall comply with Rule 18-144.

**18-172 Signalling, Alarm, Remote-Control, and Communication Systems, Class III, Division 1.** Signalling, alarm, remote-control, and communication systems shall comply with Rule 18-146.

**18-174 Electric Cranes and Hoists, and Similar Equipment, Class III, Division 1.** Where installed for operation over combustible fibres or accumulations of flyings, travelling cranes and hoists for material handling, travelling cleaners for textile machinery, and similar equipment shall conform to the following:

- (a) Power supply to contact conductors shall be isolated from all other systems and shall be ungrounded, and shall be equipped with an acceptable recording ground detector which will give an alarm and will automatically de-energize the contact conductors in case of a fault to ground, or with an acceptable ground fault indicator which will give a visual and audible alarm, and maintain the alarm as long as power is supplied to the system and the ground fault remains;
- (b) Contact conductors shall be so located or guarded as to be inaccessible to other than authorized persons, and shall be protected against accidental contact with foreign objects.
- (c) Current collectors shall conform to the following:
  - (i) They shall be arranged or guarded to confine normal sparking and to prevent escape of sparks or hot particles;
  - (ii) To reduce sparking, two or more separate surfaces of contact shall be provided for each contact conductor; and
  - (iii) Reliable means shall be provided to keep contact conductors and current collectors free of accumulations of lint or flyings.
- (d) Control equipment shall comply with Rules 18-156 and 18-158.

**18-176 Electric Trucks, Class III, Division 1.** Electric trucks shall be of an acceptable type.

**18-178 Storage-Battery Charging Equipment, Class III, Division 1.** Storage-battery charging equipment shall be located in separate rooms built or lined with substantial noncombustible materials so constructed as to adequately exclude flyings or lint, and shall be well ventilated.

**18-180 Live Parts, Class III, Division 1.** No live parts of electrical equipment or of an electrical installation shall be exposed, except as provided in Rule 18-174.

**18-182 Grounding and Bonding, Class III, Division 1.** Electrical equipment shall be grounded as prescribed by Rule 18-150.

#### Installation in Class III, Division 2 Locations

**18-184 Transformers and Capacitors, Class III, Division 2.** Transformers and capacitors shall conform to Rule 18-124.

**18-186 Wiring Method, Class III, Division 2.** The wiring method in Class III, Division 2 locations shall conform to Rule 18-154 except that in sections, compartments, or areas used solely for storage and containing no machinery, open wiring or insulators in accordance with Rules 12-202 to 12-224 may be used, provided that, where conductors are installed elsewhere than in roof spaces and remote from physical damage, they shall be protected as required by Rules 12-212 and 12-214.

**18-188 Switches, Controllers, Circuit Breakers, and Fuses, Class III, Division 2.** Switches, motor controllers, circuit breakers, and fuses shall conform to Rule 18-156.

**18-190 Control Transformers and Resistors, Class III, Division 2.** Transformers, impedance coils, and resistors used as or in conjunction with control equipment for motors, generators and appliances shall conform to Rule 18-158.

**18-192 Motors and Generators, Class III, Division 2.**

(1) Motors, generators, and other rotating electrical machinery shall be:

- (a) Totally enclosed non-ventilated;
- (b) Totally enclosed pipe-ventilated; or
- (c) Totally enclosed fan-cooled.

(2) Motors, generators, or other rotating electrical machinery of the partially enclosed or splash-proof type shall not be installed in Class III locations.

**18-194 Ventilating Pipes, Class III, Division 2.** Ventilating pipes shall conform to Rule 18-108 (1).

**18-196 Utilization Equipment, Fixed and Portable, Class III, Division 2.** Fixed or portable utilization equipment shall conform to Rule 18-164.

**18-198 Lighting Fixtures, Class III, Division 2.** Lighting fixtures shall conform to Rule 18-166.

**18-200 Flexible Cords, Class III, Division 2.** Flexible cords shall conform to Rule 18-114.

**18-202 Receptacles and Attachment Plugs, Class III, Division 2.** Receptacles and attachment plugs shall conform to Rule 18-144.

**18-204 Signalling, Alarm, Remote-Control, and Communication Systems, Class III, Division 2.** Signalling, alarm, remote-control, and communication systems shall conform to Rule 18-146.

**18-206 Electric Cranes and Hoists and Similar Equipment, Class III, Division 2.** Electric cranes and hoists and similar equipment shall be installed as prescribed by Rule 18-174.

**18-208 Electric Trucks, Class III, Division 2.** Electric trucks shall conform to Rule 18-176.

**18-210 Storage-Battery Charging Equipment, Class III, Division 2.** Storage-battery charging equipment shall be located in rooms conforming to Rule 18-178.

**18-212 Live Parts, Class III, Division 2.** No live parts of electrical equipment or of an electrical installation shall be exposed, except as provided in Rule 18-206.

**18-214 Grounding and Bonding, Class III, Division 2.** Equipment shall be grounded in conformity with Rule 18-182.

## **SECTION 20—GASOLINE DISPENSING AND SERVICE STATIONS, GARAGES, BULK STORAGE PLANTS, FINISHING PROCESSES, AND AIRCRAFT HANGARS**

**20-000 Scope.** This Section is supplementary to, or amendatory of, the general requirements of this Code and applies to the following installations:

- (a) Gasoline dispensing and service stations—Rules 20-002 to 20-014;
- (b) Commercial garages, repair and storage—Rules 20-100 to 20-114;
- (c) Residential storage garages—Rules 20-200 to 20-206;
- (d) Bulk storage plants—Rules 20-300 to 20-312;
- (e) Finishing processes—Rules 20-400 to 20-412; and
- (f) Aircraft hangars—Rules 20-500 to 20-522.

### **Gasoline Dispensing and Service Stations**

#### **20-002 General**

(1) Rules 20-002 to 20-014 inclusive apply to electrical apparatus and wiring installed in gasoline dispensing and service stations, and other locations where gasoline or other similar volatile flammable liquids are dispensed or transferred to the fuel tanks of self-propelled vehicles.

(2) Other areas used as lubricatoriums, service rooms and repair rooms, and offices, salesrooms, compressor rooms and similar locations shall conform to Rules 20-100 to 20-114 with respect to electrical wiring and equipment.

#### **20-004 Hazardous Areas**

(1) The space within the dispenser up to 4 feet from its base and the space within 18 inches extending

horizontally from the dispenser up to 4 feet from its base shall be considered a Class I, Division 1 location, and shall include the space below the dispenser which may contain electrical wiring or equipment.

(2) In an outside location, any area beyond the Class I, Division 1 area (and in buildings not suitably cut off) within 20 feet horizontally from the exterior enclosure of any dispensing pump, shall be considered a Class I, Division 2 location, which shall extend upward to a level 18 inches above driveway or ground level.

(3) In an outside location, any area beyond the Class I, Division 1 location (and in buildings not suitably cut off) within 10 feet horizontally from any tank fill-pipe shall be considered a Class I, Division 2 location which shall extend upward to a level 18 inches above driveway or ground level.

(4) Electrical wiring and equipment, any portion of which is below the surface of areas defined as Class I, Division 1 or Division 2 in Subrules (1), (2), or (3) above shall be considered to be within a Class I, Division 1 location which shall extend at least to the point of emergence above grade.

(5) Areas within the vicinity of tank vent-pipes shall be classified as follows:

- (a) The spherical volume within a 3 foot radius from the point of discharge of any tank vent-pipe shall be considered a Class I, Division 1 location and the volume between the 3 foot to 5 foot radius from the point of discharge of a vent shall be considered a Class I, Division 2 location;
- (b) For any vent that does not discharge upward, the cylindrical volume below both the Division 1 and Division 2 locations extending to the ground shall be considered a Class I, Division 2 location; and
- (c) The hazardous area shall not be considered to extend beyond an unpierced wall.

(6) Areas within lubrication rooms shall be classified as follows:

- (a) The area within any pit or space below grade or floor level in a lubrication room shall be considered a Class I, Division 1 location, unless the pit or space below grade is beyond the hazardous areas specified in Subrules (2), (3), and (5) in which case the pit or space below grade shall be considered a Class I, Division 2 location; and
- (b) The area within the entire lubrication room up to 2 inches above the floor or grade, whichever is the higher, and the area within 3 feet measured in any direction from the dispensing point of a hand-operated unit dispensing volatile flammable liquids shall be considered a Class I, Division 2 location.

**20-006 Wiring and Equipment Within Hazardous Areas.** All electrical wiring and equipment within the hazardous areas defined in Rule 20-004 shall conform to Section 18 requirements except that where dispensing pumps are supplied by underground wiring:

- (a) Steel-armoured lead-covered cable may be used in lieu of rigid metal conduit or mineral-insulated cable, provided that the cable armour terminates in a lead gland connector, the lead jacket terminates in the midpoint of an approved (conduit) seal and a union approved for the class and group connects the sealing fitting to the junction box of the dispensing pump; and



- (b) Light-weight mineral-insulated cable may be used in accordance with Section 18 requirements for mineral-insulated cable.

**20-008 Wiring and Equipment Above Hazardous Areas.** Wiring and equipment above hazardous areas shall conform to Rules 20-106 and 20-110.

**20-010 Circuit Disconnects.** Each circuit leading to or through a dispensing pump shall be provided with a switching means which will disconnect all ungrounded conductors of the circuit from the source of supply simultaneously.

#### 20-012 Sealing

(1) An approved seal shall be provided in each conduit run entering or leaving a dispenser or any cavities or enclosures in direct communication therewith.

(2) Additional seals shall be provided in conformance with Rules 18-038 and 18-068, and the requirements of Rules 18-038 (3) (c) and 18-068 (3) (b) shall include horizontal and vertical boundaries.

**20-014 Grounding.** All non-current-carrying metal parts of dispensing pumps, metallic raceways and other electrical equipment shall be grounded in accordance with Section 10.

### Commercial Garages, Repair and Storage

**20-100 Scope.** Rules 20-100 to 20-114 apply to locations used for service and repair operations in connection with self-propelled vehicles in which volatile flammable liquids or flammable gases are used for fuel or power, and locations in which more than three such vehicles are, or may be, stored at one time.

#### 20-102 Hazardous Areas

(1) For each floor at or above grade, the entire area up to a level 2 inches above the floor shall be considered to be a Class 1, Division 2 location.

(2) For each floor below grade, the entire area up to a level of 2 inches above the bottom of outside doors or other openings which are at, or above, grade level shall be considered to be a Class 1, Division 2 location; except that where adequate mechanical ventilation is provided, the hazardous location shall extend up to a level of only 2 inches above each such floor.

(3) Any pit or depression below floor level shall be considered to be a Class 1, Division 2 location which shall extend up to the floor level.

(4) Adjacent areas in which hazardous vapours are not likely to be released such as stockrooms, switchboard rooms, and other similar locations having floors elevated at least 2 inches above the adjacent garage floor, or separated therefrom by tight curbs or partitions at least 2 inches high shall not be classed as hazardous.

**20-104 Wiring and Equipment in Hazardous Areas.** Within hazardous areas as defined in Rule 20-102, wiring and equipment shall conform to the applicable requirements of Section 18.

#### 20-106 Wiring Above Hazardous Areas

(1) All fixed wiring above hazardous areas shall be in accordance with Section 12 and suitable for the type of building and occupancy.

(2) For pendants, flexible cord suitable for the purpose and approved for hard usage shall be used.

(3) For connection of portable lamps, portable motors or other portable utilization equipment, flexible cord suitable for the purpose and approved for hard usage shall be used.

#### 20-108 Sealing

(1) Approved seals shall be installed as required by Section 18, and the requirements of Rule 18-068 (3) (b) shall include horizontal and vertical boundaries.

(2) Raceways embedded in a masonry floor or buried beneath a floor shall be considered to be within the hazardous area above the floor if any connections or extensions lead into or through such area.

#### 20-110 Equipment Above Hazardous Areas

(1) Fixed equipment which is less than 12 feet above the floor level and which may produce arcs, sparks, or particles of hot metal such as cutouts, switches, charging panels, generators, motors or other equipment (excluding receptacles, lamps and lampholders) having make and break or sliding contacts, shall be of the totally enclosed type or so constructed as to prevent escape of sparks or hot metal particles.

(2) Lamps and lampholders for fixed lighting which are located over lanes through which vehicles are commonly driven or which may otherwise be exposed to physical damage, shall be located not less than 12 feet above floor level unless of totally enclosed type or so constructed as to prevent escape of sparks or hot metal particles.

(3) Portable lamps shall comply with the following:

(a) They shall be of the totally enclosed gasketed type, equipped with handle, lampholder, hook and substantial guard attached to the lampholder or handle, and all exterior surfaces which may come in contact with battery terminals, wiring terminals or other objects shall be of non-conducting material or shall be effectively protected with an insulating jacket;

(b) The lampholders shall be of the unswitched type; and

(c) They shall not be provided with receptacles for attachment plug caps.

**20-112 Battery Charging Equipment.** Battery chargers and their control equipment, and batteries being charged shall not be located within the hazardous areas classified in Rule 20-102.

#### 20-114 Electric Vehicle Charging

(1) Flexible cords used for charging shall be approved for the type of service, including extra hard usage.

(2) Connectors shall have a rating not less than the ampacity of the cord and in no case less than 50 amperes.

(3) Connectors shall be so designed and installed that they will break apart readily at any position of the charging cable, and live parts shall be guarded from accidental contact.

(4) No connector shall be located within the hazardous area defined in Rule 20-102.



(5) Where plugs are provided for direct connection to vehicles, the point of connection shall not be within a hazardous area as defined in Rule 20-102.

(6) Where a cord is suspended from overhead, it shall be so arranged that the lowest point of sag is at least 6 inches above the floor.

(7) Where the vehicle is equipped with a plug which will readily pull apart, and where an automatic arrangement is provided to pull both cord and plug beyond the range of mechanical damage, no additional connector is required in the cable or outlet.

### Residential Storage Garages

**20-200 Scope.** Rules 20-200 to 20-206 apply to a building or part of a building in which not more than three vehicles of the types described in Rule 20-100 are, or may be, stored, but which will not normally be used for service or repair operations on stored vehicles.

**20-202 Non-Hazardous Location.** Where the lowest floor is at or above adjacent grade or driveway level, and where there is at least one outside door at or below floor level, the garage area shall not be classed as a hazardous location.

**20-204 Hazardous Location.** Where the lowest floor is below adjacent grade or driveway level, the following shall apply:

- (a) The entire area of the garage or of any enclosed space which includes the garage shall be classified as a Class I, Division 2 location up to a level 2 inches above the garage floor; and
- (b) Adjacent areas in which hazardous vapours or gases are not likely to be released, and having floors elevated at least 2 inches above the garage floor, or separated therefrom by tight curbs or partitions at least 2 inches high, shall not be classed as hazardous.

### 20-206 Wiring

(1) Wiring above the hazardous locations shall conform to Section 12.

(2) Wiring in the hazardous locations shall conform to Section 18.

### Bulk Storage Plants

**20-300 Scope.** Rules 20-300 to 20-312 apply to locations where gasoline or other similar volatile flammable liquids are stored in tanks having an aggregate capacity of one carload or more, and from which such products are distributed (usually by tank truck).

### 20-302 Hazardous Areas

(1) Areas containing pumps, bleeders, withdrawal fittings, meters and similar devices which are located in pipe lines handling flammable liquids under pressure shall be classified and comply with the following:

- (a) Ventilated indoor areas shall be considered as Class I, Division 2 locations within a 5 foot distance extending in all directions from the exterior surface of such devices as well as 25 feet horizontally from any surface of these devices and extending upward to 3 feet above floor or grade level, provided that:

(i) Design of the ventilation systems takes into account the relatively high specific gravity of the vapours;

(ii) Where openings are used in outside walls they are of adequate size and located at floor level unobstructed except by louvres or coarse screens; and

(iii) Where natural ventilation is inadequate, mechanical ventilation is provided;

(b) Indoor areas not ventilated in accordance with Subrule (1) (a) shall be considered Class I, Division 1 locations within a 5 foot distance extending in all directions from the exterior surface of such devices as well as 25 feet horizontally from any surface of the device and extending upward 3 feet above floor or grade level;

(c) Outdoor areas shall be considered as Class I, Division 2 locations within a 3 foot distance extending in all directions from the exterior surfaces of such devices as well as up to 18 inches above grade level within 10 feet horizontally from any surface of the devices.

(2) Areas where flammable liquids are transferred shall be classified as follows:

(a) In outdoor areas or where positive and reliable mechanical ventilation is provided in indoor areas in which flammable liquids are transferred to individual containers, such areas shall be considered as a Class I, Division 1 location within 3 feet of the vent or fill opening extending in all directions and a Class I, Division 2 location within the area extending between a 3-foot and 5-foot radius from the vent or fill opening extending in all directions, and including the area within a horizontal radius of 10 feet from the vent or fill opening and extending to a height of 18 inches above floor or grade levels; or

(b) Where positive and reliable mechanical ventilation is not provided in indoor areas in which flammable liquids are transferred to individual containers, such areas shall be considered to be a Class I, Division 1 location.

(3) Areas in outside locations where loading and unloading of tank vehicles and tank cars takes place shall be classified as follows:

(a) The area extending 3 feet in all directions from the dome when loading through an open dome or from the vent when loading through a closed dome with atmospheric venting shall be considered a Class I, Division 1 location;

(b) The area extending between a 3-foot and 5-foot radius from the dome when loading through an open dome or from the vent when loading through a closed dome with atmospheric venting shall be considered a Class I, Division 2 location; and

(c) The area extending within 3 feet in all directions from a fixed connection used in bottom loading or unloading, loading through a closed dome with atmospheric venting, or

loading through a closed dome with a vapour recovery system, shall be considered a Class I, Division 2 location, except that in the case of bottom loading or unloading this classification shall also be applied to the area within a 10-foot radius from point of connection and extending 18 inches above grade.

(4) Areas within the vicinity of above ground tanks shall be classified as follows:

(a) The area above the roof and within the shell of a floating roof type tank shall be considered a Class I, Division 1 location;

(b) For all types of above ground tanks:

(i) The area within 10 feet from the shell, ends and roof of other than a floating roof shall be considered a Class I, Division 2 location; and

(ii) Where dikes are provided the area inside the dike and extending upward to the top of dike shall be considered to be a Class I, Division 2 location;

(c) The area within 5 feet of a vent opening and extending in all directions shall be considered a Class I, Division 1 location; and

(d) The area between 5 and 10 feet of a vent opening and extending in all directions shall be considered a Class I, Division 2 location.

(5) Pits and depressions shall be classified as follows:

(a) Any pit or depression, any part of which lies within a Division 1 or Division 2 location unless provided with positive and reliable mechanical ventilation shall be considered a Class I, Division 1 location;

(b) Any such areas when provided with positive and reliable mechanical ventilation shall be considered a Class I, Division 2 location; or

(c) Any pit or depression within a Division 1 or Division 2 location as defined herein, but which contains piping, valves, or fittings shall be considered a Class I, Division 2 location.

(6) Garages in which tank vehicles are stored or repaired shall be deemed to be Class I, Division 2 locations up to 18 inches above floor or grade level unless in the judgment of the inspector, conditions warrant more severe classification or treatment of the garage in question as a Class I, Division 2 location for more than 18 inches above floor or grade level.

(7) Buildings such as office buildings, boiler rooms, and other similar premises, which are outside the limits of hazardous areas as defined herein, and are not used for the handling or storage of volatile flammable liquids or containers for such liquids, shall not be considered to be hazardous locations.

**20-304 Wiring and Equipment in Hazardous Areas.** All electrical wiring and equipment in hazardous areas defined in Rule 20-302 shall conform to the requirements of Section 18.

#### **20-306 Wiring and Equipment Above Hazardous Areas**

(1) Wiring installed above a hazardous location shall conform to the requirements of Section 12 and be suitable for the type of building and the occupancy.

(2) Fixed equipment which may produce arcs, sparks, or particles of hot metal, such as lamps and lampholders, cutouts, switches, receptacles, motors, or other equipment having make and break or sliding contacts, shall be of the totally enclosed type or so constructed as to prevent the escape of sparks or hot metal particles.

(3) Portable lamps or utilization equipment and the flexible cords supplying them, shall conform to the requirements of Section 18 for the class of location above which they are connected or used.

#### **20-308 Sealing**

(1) Approved seals shall be installed in accordance with Section 18 and shall be applied to horizontal as well as vertical boundaries of the defined hazardous locations.

(2) Buried raceways under defined hazardous areas shall be considered to be within such areas.

**20-310 Gasoline Dispensing.** Where gasoline dispensing is carried on in conjunction with bulk station operations, the applicable provisions of Rules 20-002 to 20-014 inclusive shall apply.

**20-312 Grounding.** All non-current-carrying metal parts of equipment and raceways shall be grounded in accordance with Section 10.

### **Finishing Processes**

**20-400 Scope.** Rules 20-400 to 20-412 apply where paints, lacquers or other flammable finishes are regularly or frequently applied by spraying, dipping, brushing or by other means, and where volatile flammable solvents or thinners are used or where readily ignitable deposits or residues from such paints, lacquers or finishes may occur.

#### **20-402 Hazardous Areas**

(1) The following areas shall be considered to be Class I, Division 1 locations:

(a) The interiors of spray booths and their exhaust ducts;

(b) All space within 20 feet horizontally in any direction, extending to a height of 3 feet above the goods to be painted, from spraying operations more extensive than touch upspraying and not conducted within the spray booth;

(c) All space within 20 feet horizontally in any direction from dip tanks and their drain boards, such space extending to a height of 3 feet above the dip tank and drain board; and

(d) All other spaces where hazardous concentrations of flammable vapours are likely to occur.



(2) All space within 20 feet horizontally in any direction from the open face of a spray booth, such space extending vertically to the top of the spray booth opening, and all space within the room but beyond the limits for Class I, Division 1 as classified in Subrule (1) for extensive open spraying, for dip tanks and drain boards and for other hazardous operations, shall be considered to be Class I, Division 2 locations.

(3) Adjacent areas which are cut off from the defined hazardous area by tight partitions without communicating openings, and within which hazardous vapours are not likely to be released, shall be classed as non-hazardous unless deemed otherwise by the inspection department.

(4) Drying and baking areas provided with positive mechanical ventilation to prevent formation of flammable concentrations of vapours and provided with effective interlocks to de-energize all electrical equipment not approved for Class I locations, in case the ventilating equipment is inoperative, may be classed as non-hazardous.

(5) Notwithstanding the requirements of Subrule (1) where adequate mechanical ventilation with effective interlocks is provided at floor level:

- (a) The space within 3 feet horizontally in any direction from the goods to be painted and such space extending to a height of 3 feet above the goods to be painted shall be considered to be a Class I, Division 1 location; and
- (b) All space between a 3 foot and a 5 foot distance above the goods to be painted and all space within 20 feet horizontally in any direction beyond the limits for Class I, Division 1 location shall be considered to be Class I, Division 2 location.

#### **20-404 Wiring and Equipment in Hazardous Areas**

(1) All electrical wiring and equipment within the hazardous areas as defined in Rule 20-402 shall conform to the requirements of Section 18.

(2) Unless approved for both readily ignitable deposits and the flammable vapour location, no electrical equipment shall be installed or used where it may be subject to a hazardous accumulation of readily ignitable deposits or residue.

(3) Illumination of readily ignitable areas through panels of glass or other transparent or translucent material is permissible only where:

- (a) Fixed lighting units are used as the source of illumination;
- (b) The panel is noncombustible and effectively isolates the hazardous area from the area in which the lighting unit is located;
- (c) The lighting unit is approved for its specific location;
- (d) The panel is of a material or is so protected that breakage will be unlikely; and
- (e) The arrangement is such that normal accumulations of hazardous residue on the surface of the panel will not be raised to a dangerous temperature by radiation or conduction from the source of illumination.

(4) Portable electric lamps or other utilization equipment shall:

- (a) Not be used within a hazardous area during operation of the finishing process;
  - (b) Be of a type approved for Class I locations when used during cleaning or repairing operations.
- (5) Notwithstanding Subrule (4):
- (a) Totally-enclosed and gasketed lighting may be used on the ceiling of a spray room where adequate and positive mechanical ventilation is provided; and
  - (b) Infrared paint drying units may be utilized in a spray room if the controls are interlocked with those of the spraying equipment so that both operations cannot be performed simultaneously, and if portable, the paint drying unit shall not be brought into the spray room until spraying operations have ceased.

**20-406 Fixed Electrostatic Equipment.** Electrostatic spraying and detearing equipment shall be of an approved type and conform to the following:

- (a) No transformers, power packs, control apparatus, or other electrical portion of the equipment except high voltage grids and their connections shall be installed in any of the hazardous areas defined in Rule 20-402, unless of a type approved for the locations;
- (b) High voltage grids or electrodes shall be located in suitable noncombustible booths or enclosures provided with adequate mechanical ventilation, shall be rigidly supported and of substantial construction, and shall be effectively insulated from ground by means of nonporous, noncombustible insulators;
- (c) High voltage leads shall be effectively and permanently supported on suitable insulators, shall be effectively guarded against accidental contact or grounding and shall be provided with automatic means for discharging any residual charge to ground when the supply voltage is interrupted;
- (d) Where goods are being processed:
  - (i) They shall be supported on conveyors in such a manner that minimum clearance between goods and high voltage grids or conductors cannot be less than twice the sparking distance; and
  - (ii) A conspicuous sign indicating the sparking distance shall be permanently posted near the equipment.
- (e) Approved automatic controls shall be provided which will operate without time delay to disconnect the power supply and to signal the operator in case of:
  - (i) Stoppage of ventilating fans;
  - (ii) Failure of ventilating equipment;
  - (iii) Stoppage of the conveyor carrying goods through the high voltage field;



- (iv) Occurrence of a ground or of an imminent ground at any point on the high voltage system; or
- (v) Reduction of clearance below that specified in paragraph (d); and
- (f) Adequate fencing, railings or guards which are electrically conducting and effectively grounded shall be provided for safe isolation of the process; and signs shall be permanently posted designating the process zone as dangerous because of high voltage.

**20-408 Electrostatic Hand Spraying Equipment.** Electrostatic hand spray apparatus and devices used therewith shall be of approved types and shall conform to the following:

- (a) The equipment shall be so designed that the maximum surface temperature of the equipment in the spraying area cannot exceed 150°F under any condition;
- (b) The high voltage circuits shall be intrinsically safe and not produce a spark of sufficient intensity to ignite any vapour-air mixtures, nor result in appreciable shock hazard upon coming in contact with a grounded object;
- (c) The electrostatically-charged exposed elements of the hand gun shall be capable of being energized only by a switch which also controls the paint supply;
- (d) Transformers, power packs, control apparatus, and all other electrical portions of the equipment, with the exception of the hand gun itself and its connections to the power supply, shall be located outside the hazardous area;
- (e) The handle of the spray gun shall be electrically connected to ground by a metallic connection and be so constructed that the operator in normal operating position is in intimate electrical contact with the grounded handle in order to prevent build-up of a static charge on the operator's body;
- (f) All electrically conductive objects in the spraying area shall be adequately grounded and the equipment shall carry a prominent permanently-installed warning regarding the necessity for this grounding feature;
- (g) Precautions shall be taken to ensure that objects being painted are maintained in metallic contact with the conveyor or other grounded support, and shall include the following:
  - (i) Hooks shall be regularly cleaned;
  - (ii) Areas of contact shall be sharp points or knife edges; and
  - (iii) Points of support of the object shall be concealed from random spray where feasible and where the objects being sprayed are supported from a conveyor, the point of attachment to the conveyor shall be so located as not to collect spray material during normal operation; and
- (h) The spraying operation shall take place within a spray area which is adequately ventilated to remove solvent vapours released from the opera-

tion and the electrical equipment shall be so interlocked with the ventilation of the spraying area that the equipment cannot be operated unless the ventilation system is in operation.

#### **20-410 Wiring and Equipment Above Hazardous Areas**

(1) All fixed wiring above hazardous areas shall conform to Section 12.

(2) Equipment which may produce arcs, sparks, or particles of hot metal, such as lamps and lampholders for fixed lighting, cutouts, switches, receptacles, motors or other equipment having make and break or sliding contacts, where installed above a hazardous area or above an area where freshly finished goods are handled, shall be of the totally enclosed type or so constructed as to prevent the escape of sparks or hot metal particles.

**20-412 Grounding.** All metallic raceways and all non-current-carrying metallic portions of fixed or portable equipment, regardless of voltage, shall be grounded in accordance with Section 10.

#### **Aircraft Hangars**

**20-500 Scope.** Rules 20-500 to 20-522 apply to locations used for storage or servicing of aircraft in which gasoline, jet fuels, or other volatile flammable liquids, or flammable gases, are used but shall not include those locations used exclusively for aircraft which have never contained such liquids or gases, or which have been drained and properly purged.

#### **20-502 Hazardous Areas**

(1) Any pit or depression below the level of the hangar floor shall be deemed to be a Class I, Division 1 location which shall extend up to the floor level.

(2) The entire area of the hangar including any adjacent and communicating areas not suitably cut off from the hangar shall be deemed to be a Class I, Division 2 location up to a level 18 inches above the floor.

(3) The area within 5 feet horizontally from aircraft power plants, aircraft fuel tanks or aircraft structures containing fuel shall be deemed to be a Class I, Division 2 location which shall extend upward from the floor to a level 5 feet above the upper surface of wings and of engine enclosures.

(4) Adjacent areas in which hazardous vapours are not likely to be released such as stock rooms, electrical control rooms, and other similar locations, may be classed as non-hazardous when adequately ventilated and when effectively cut off from the hangar itself by unpierced walls or partitions.

#### **20-504 Wiring and Equipment in Hazardous Areas**

(1) All fixed and portable wiring and equipment which is or may be installed or operated within any of the locations defined in Rule 20-502 shall conform to the requirements of Section 18.

(2) All wiring installed in or under the hangar floor shall conform to the requirements for Class I Division 1 locations.

(3) Wiring systems installed in vaults, pits, or ducts, shall be provided with adequate drainage and shall not be placed within the same compartment with any other service except piped compressed air.

(4) Attachment plug caps and receptacles in hazardous locations shall be explosionproof, or shall be so designed that they cannot be energized while the connections are being made or broken.

#### **20-506 Wiring Not Within Hazardous Areas**

(1) All fixed wiring in a hangar not within a location defined in Rule 20-502 shall be installed in metallic raceways or shall be Type MI except that wiring in a non-hazardous location as set out in Rule 20-502 (4) may be of any type recognized in Section 12 as suitable for the type of building and the occupancy.

(2) For pendants, flexible cord approved for hard usage and containing a separate grounding conductor shall be used.

(3) For portable utilization equipment and lamps, flexible cord approved for hard usage and containing a separate grounding conductor shall be used.

(4) Suitable means shall be provided for maintaining continuity and adequacy of the grounding path between the fixed wiring system and the non-current-carrying metallic portions of pendant fixtures, portable lamps, and other portable utilization equipment.

#### **20-508 Equipment Not Within Hazardous Areas**

(1) In locations other than those described in Rule 20-502, equipment which is less than 10 feet above wings and engine enclosures of aircraft and which may produce arcs, sparks, or particles of hot metal, such as lamps and lampholders for fixed lighting, cut-outs, switches, receptacles, charging panels, generators, motors or other equipment having make and break or sliding contacts, shall be of totally-enclosed type or so constructed as to prevent escape of sparks or hot metal particles, except that equipment in areas described in Rule 20-502 (4) may be of general purpose type.

(2) Lampholders of metal shell, fibre lined types shall not be used for fixed lighting.

(3) Portable lamps which are, or may be, used within a hangar shall be approved for Class I locations.

(4) Portable utilization equipment which is, or may be, used within a hangar shall be of a type suitable for use in Class I, Division 2 locations.

#### **20-510 Stanchions, Rostrums, and Docks**

(1) Electric wiring, outlets and equipment including, lamps, on or attached to, stanchions, rostrums, or docks which are located, or likely to be located, in a hazardous area as defined in Rule 20-502 (3) shall conform to the requirements for Class I, Division 2 locations.

(2) Where stanchions, rostrums, and docks are not located, or are not likely to be located, in a hazardous area as defined in Rule 20-502 (3) wiring and equipment shall conform to Rules 20-506 and 20-508, except that:

- (a) Receptacles and attachment plugs shall be of the locking type which will not break apart readily; and
- (b) Wiring and equipment, not more than 18 inches above the floor in any position, shall conform to Subrule (1) above.

(3) Mobile stanchions with electrical equipment conforming to Subrule (2) shall carry at least one permanently affixed warning sign to read:

**"WARNING—KEEP 5 FEET CLEAR OF AIRCRAFT ENGINES AND FUEL TANK AREAS."**

#### **20-512 Sealing**

(1) Approved seals shall be installed in accordance with Section 18 and shall apply to horizontal as well as to vertical boundaries of hazardous areas.

(2) Raceways embedded in a masonry floor or buried beneath a floor shall be considered to be within the hazardous area above the floor when any connections or extensions lead into or through the hazardous area.

**20-514 Aircraft Electrical Systems.** Aircraft electrical systems shall be de-energized when the aircraft is stored in a hangar, and whenever possible, while the aircraft is undergoing maintenance.

#### **20-516 Aircraft Battery-Charging and Equipment**

(1) Aircraft batteries shall not be charged when installed in an aircraft located inside, or partially inside, a hangar.

(2) Battery chargers and their control equipment shall not be located or operated within any of the hazardous areas defined in Rule 20-502 but may be located or operated in a separate building or in an area complying with Rule 20-502 (4).

(3) Mobile chargers shall carry at least one permanently affixed warning sign to read:

**"WARNING—KEEP 5 FEET CLEAR OF AIRCRAFT ENGINES AND FUEL TANK AREAS."**

(4) Tables, racks, trays, and wiring shall not be located within a hazardous area, and shall conform to the provisions of Section 26 pertaining to Storage Batteries.

#### **20-518 External Power Sources for Energizing Aircraft**

(1) Aircraft energizers shall be so designed and mounted that all electrical equipment and fixed wiring will be at least 18 inches above floor level and shall not be operated in a hazardous area as defined in Rule 20-502 (3).

(2) Mobile energizers shall carry at least one permanently affixed sign to read:

**"WARNING—KEEP 5 FEET CLEAR OF AIRCRAFT ENGINES AND FUEL TANK AREAS."**

(3) Aircraft energizers shall be equipped with polarized external power plugs and with automatic controls to isolate the ground power unit electrically from the aircraft in case excessive voltage is generated by the ground power unit.

(4) Flexible cords for aircraft energizers and ground support equipment shall be approved for the extra hard usage and shall include a grounding conductor.

#### **20-520 Mobile Servicing Equipment With Electrical Components**

(1) Mobile servicing equipment such as vacuum cleaners, air compressors, air movers and other similar



equipment having electrical wiring and equipment not suitable for Class 1, Division 2 locations shall:

- (a) Be so designed and mounted that all such wiring and equipment will be at least 18 inches above the floor;
- (b) Not be operated within the hazardous defined in Rule 20-502 (3); and
- (c) Carry at least one permanently affixed warning sign to read:

**"WARNING—KEEP 5 FEET CLEAR OF AIRCRAFT ENGINES AND FUEL TANK AREAS."**

(2) Flexible cords for mobile equipment shall be approved for extra hard usage and shall include a grounding conductor.

(3) Attachment plugs and receptacles shall be approved for the location in which they are installed, and shall provide for connection of the grounding conductor to the raceway system.

(4) Equipment shall not be operated in areas where maintenance operations likely to release hazardous vapours are in progress, unless the equipment is at least suitable for use in a Class I, Division 2 location.

**20-522 Grounding.** All metallic raceways, and all non-current-carrying metallic portions of fixed or portable equipment, regardless of voltage, shall be grounded in accordance with Section 10.

#### **SECTION 22—LOCATIONS IN WHICH CORROSIVE LIQUIDS OR VAPOURS OR EXCESSIVE MOISTURE ARE LIKELY TO BE PRESENT**

##### **General**

**22-000 Scope.** This Section applies to electrical equipment and installations in locations in which corrosive liquids, or vapours or excessive moisture are likely to be present, and is supplementary to, or amendatory of, the general requirements of this Code.

**22-002 Category Definitions.** Locations covered in this Section shall be classified as follows:

- (a) "Category 1", meaning that the location is one in which moisture in the form of vapour or liquid is present in quantities which are liable to interfere with the normal operation of electrical equipment, whether the moisture is caused by condensation, or the dripping or splashing of liquid, or otherwise; and
- (b) "Category 2", meaning that the location is one in which corrosive liquids or vapours are likely to be present in quantities which are likely to interfere with the normal operation of electrical equipment.

**22-004 Application of Category Definitions.** Where the expressions "Category 1" or "Category 2" do not appear in any Rule in this Section, the Rule shall be applicable to both categories.

##### **Wiring and Equipment**

##### **22-006 Essential Equipment Only**

(1) Only such electrical equipment as is essential for the processes being carried on therein shall be installed in Category 1 and Category 2 locations.

(2) Service equipment, motors, panelboards, switchboards and other electrical equipment shall, where practicable, be installed in rooms or sections of the building which are not Category 1 or Category 2 locations.

##### **22-008 Type of Construction**

(1) Where the electrical equipment is, or is likely to be, partially or wholly submerged, it shall be of a submersible type of construction.

(2) Where the electrical equipment is, or is likely to be, subjected to direct streams of liquid under pressure, it shall be of a water-tight type of construction.

(3) Where the electrical equipment is, or is likely to be, exposed to corrosive vapours, it shall be of a corrosion-resistant type of construction.

(4) Where the electrical equipment is, or is likely to be, exposed to splashing of water, it shall be of a splash-proof type of construction.

(5) Where the electrical equipment is, or is likely to be, exposed only to the falling or condensing of moisture, it shall be of a drip-tight type of construction.

(6) Where a protective coating on electrical equipment is, or may be, exposed to corrosive liquids or vapour, the coating shall be suitable for the corrosive condition.

##### **22-010 Wiring Method in Category 1 Locations**

(1) Where conductors are exposed to moisture in a Category 1 location they shall:

- (a) If used in exposed wiring, be of types specified in Table 19:
  - (i) For exposed wiring in wet locations; or
  - (ii) For exposed wiring where exposed to the weather, provided that they are located out-of-reach from floors, decks, balconies, or stairs; and

(b) If used in conduit be of types specified in Table 19 for use in raceways for wet locations.

(2) Non-metallic sheathed cable of the NMW type may be used in a Category 1 location.

(3) Armoured cable may be used in a Category 1 location if of the type listed in Table 19 as suitable for direct earth burial.

(4) Split knobs or cleats shall not be used in a Category 1 location.

(5) Mineral-insulated cable may be used in a Category 1 location but, if the cable is secured to walls, it shall be spaced at least  $\frac{1}{4}$  inch from the wall at each point of support.

(6) Aluminum-sheathed cable may be used in a Category 1 location, provided it has suitable corrosion-resistant protection where necessary.

##### **22-012 Wiring Method in Category 2 Locations**

(1) Where conductors are exposed to corrosive vapours in a Category 2 location, they shall be:

- (a) Of types specified in Table 19 as being acceptable for exposure to corrosive action



and located out-of-reach from floors, decks, balconies, or stairs, if used in exposed wiring; and

- (b) Of types specified in Table 19 as being acceptable for exposure to corrosive action, if used in conduit.
- (2) Non-metallic sheathed cable of the NMW type may be used in a Category 2 location.
- (3) Surface metal raceways, underfloor raceways, bare conductors, armoured cable except where permitted in Table 19 for exposure to corrosive action, wireways, busways, and split knobs shall not be used in Category 2 locations.
- (4) Mineral-insulated cable may be used in a Category 2 location if the corrosive action is not of such a nature as to cause deterioration of the outer sheath.
- (5) Aluminum-sheathed cable may be used in a Category 2 location provided it has suitable corrosion-resistant protection where necessary.

**22-014 Drip Loops.** Where open conductors or non-metallic sheathed cables enter or issue from a Category 1 or Category 2 location, the conductors shall pass through the wall of the location in an upward direction, and in the case of open conductors, shall be in non-combustible, non-absorptive insulating tubes.

#### **22-016 Drainage and Sealing**

- (1) Where conduit is used, it shall be:
  - (a) Arranged so as to drain at frequent intervals to suitable locations;
  - (b) Equipped with approved fittings which permit the moisture to drain out of the system; and
  - (c) Installed so as to afford  $\frac{1}{2}$  inch clearance from the supporting surface.
- (2) Where a conduit or aluminum-sheathed cable enters a cooler atmosphere from a warmer atmosphere, it shall be sealed off so as to prevent breathing, and subsequent condensation, and in such a manner that condensate will not be trapped at the seal.
- (3) Every joint in a conduit in a Category 1 location shall be watertight.
- (4) Every cabinet and fitting in a Category 1 location shall be:
  - (a) Of splash-proof or drip-proof construction;
  - (b) Placed so as to prevent moisture or water from entering and accumulating within the cabinet or fitting; and
  - (c) Mounted so as to give at least  $\frac{1}{2}$  inch clearance from the supporting surface.

**22-018 Corrosion Resistant Material.** All conduits, metal enclosures and fittings including every bolt and screw used to secure electrical equipment shall be protected by or be of acceptable corrosion-resistant material judged suitable for the condition or approved for the specific corrosive environment.

**22-020 Circuit Control.** Every circuit in a Category 1 or Category 2 location shall, where practicable, be arranged so that the current-carrying conductors may be entirely cut off from the supply of electrical power or energy at a convenient point outside the location.

#### **22-022 Pendent Lampholders**

- (1) Pendent lampholders shall be of the weather-proof type and hung from insulated stranded copper conductors of not less than No. 14 AWG.
- (2) Where the pendent conductors exceed 3 feet in length, they shall be twisted together.

#### **22-024 Fixtures**

- (1) Every lighting fixture in a Category 1 location shall be constructed so that water cannot enter or accumulate within the fixture.
- (2) Every lighting fixture in a Category 2 location shall be totally enclosed, gasketed, and shall be of corrosion-resistant type of construction.

#### **22-026 Receptacles, Plugs and Cords for Portable Equipment**

- (1) Every receptacle and attachment plug for portable equipment shall be:
  - (a) Of the weatherproof type; and
  - (b) Provided with approved grounding terminals and conductors properly connected to ground.
- (2) Flexible cords or power supply cables for portable equipment shall contain a grounding conductor and be of the outdoor type suitable for hard usage as indicated in Table 11.

**22-028 Exposed Metal Parts.** Every non-current-carrying metal part of all fixed or portable electrical equipment, including appliances, fixtures, cabinets, and metal enclosures, shall be grounded in accordance with Section 10.

**22-030 In Barns, Stables, or Other Farm Buildings.** Where non-metallic sheathed cable is used in barns, stables or other farm buildings it shall be of the NMW type.

### **SECTION 24—FLAMMABLE ANAESTHETICS**

#### **24-000**

- (1) This Section applies to the installation of electrical wiring and equipment in areas in hospitals where flammable anaesthetics are stored or administered.
- (2) This Section is supplementary to, or amendatory of, the general requirements of this Code.

**24-002 Special Terminology.** In this Section the following definitions apply:

- (a) **Flammable anaesthetics** are gases or vapours such as cyclopropane, divinyl ether, ethyl chloride, ethyl ether, and ethylene, which may form flammable or explosive mixtures with air, oxygen, or nitrous oxide;

- (b) **Anaesthetizing locations** are areas in hospitals in which flammable anaesthetics are or may be administered to patients and will include operating rooms, delivery rooms, and anaesthesia rooms, and also any corridors, utility rooms, or other areas which are or may be used for administering flammable anaesthetics to patients.

#### 24-004 Hazardous Areas

(1) Any room or space in which flammable anaesthetics or volatile flammable disinfecting agents are stored shall be considered to be a Class I, Division 1, hazardous location throughout.

(2) In an anaesthetizing location as defined in Rule 24-002 (b), the entire area shall be considered to be a Class I, Division 1, hazardous location which shall extend upward to a level 5 feet above the floor.

#### 24-006 Wiring and Equipment Within Hazardous Areas

(1) In hazardous areas as defined in Rule 24-004 all fixed electrical wiring and equipment, and all portable electrical equipment, including flexible cords, lamps and other utilization equipment, operating at more than 8 volts between conductors, shall conform to the requirements of Section 18 of this Code for Class I, Division 1, hazardous locations.

(2) Where a box, fitting, or enclosure is partially but not entirely within a hazardous area, the hazardous area shall be considered to be extended to include the entire box, fitting, or enclosure.

#### 24-008 Wiring and Equipment Above Hazardous Area

(1) Wiring above a hazardous area as defined in Rule 24-004 (2) shall be installed in metal raceways, or shall be metal-sheathed or armoured cable.

(2) Equipment which may produce arcs, sparks or particles of hot metal, such as lamps and lamp-holders for fixed lighting less than 8 feet above the floor, cutouts, switches, receptacles, generators, motors, or other equipment having make and break or sliding contacts, shall be:

- (a) Of the totally enclosed type; or
- (b) Provided with suitable guards or screens to prevent the escape of sparks or hot metal particles.
- (3) Surgical and other lighting fixtures which may be capable of being lowered into the hazardous area shall be approved for Class I, Division 1, hazardous locations.

#### 24-010 Circuits in Anaesthetizing Locations

(1) Except as provided in Subrule 24-010 (6), each circuit within or partially within an anaesthetizing location as defined in Rule 24-002 (b) shall be:

- (a) Controlled by a switch having a disconnecting pole in each circuit conductor; and
- (b) Supplied from an ungrounded distribution system which shall be electrically isolated from

any distribution system supplying areas other than anaesthetizing locations and which may be obtained by means of:

- (i) One or more transformers having no electrical connection between primary and secondary windings;

- (ii) Motor generator sets; or

- (iii) Suitably isolated batteries.

(2) Circuits supplying primaries of isolating transformers shall:

- (a) Operate at not more than 750 volts between conductors, providing that a grounded metallic shield is used between primary and secondary windings where the primary voltage exceeds 300 volts; and

- (b) Be provided with proper overcurrent protection.

(3) Secondary circuits of isolating transformers and circuits supplied from batteries, generators, or motor-generator sets shall:

- (a) Operate at not more than 300 volts between conductors, except that circuits for general purpose outlets shall not operate at more than 120 volts between conductors;

- (b) Be ungrounded; and

- (c) Have an approved overcurrent device of proper rating in each circuit conductor.

(4) Isolating transformers, generators, motor-generator sets, batteries and battery chargers and their overcurrent devices shall be installed in non-hazardous locations and shall conform to the requirements of this Code for such locations.

(5) In addition to the usual control and protective devices, an ungrounded supply system for anaesthetizing locations shall be provided with an approved ground hazard indicator located in a non-hazardous area and so arranged that:

- (a) A green or white signal lamp conspicuously visible to persons in the anaesthetizing location remains lit while the system is isolated from ground; and

- (b) A red signal lamp, located adjacent to the green or white signal lamp, and an audible warning signal are energized when either or both conductors of the system become grounded through a resistance or a capacitive reactance of any value up to 120,000 ohms, with the current through the ground indicator to the ground not exceeding one milliamperes for 120-volt circuits and two milliamperes for higher-voltage circuits.

(6) Branch circuits supplying only fixed lighting fixtures above the hazardous location other than surgical lighting fixtures or supplying only approved permanently installed x-ray equipment may be supplied by a conventional grounded system provided:

- (a) Wiring for grounded and ungrounded circuits does not occupy the same raceways;

- (b) The lighting fixtures and the x-ray equipment, other than the enclosed x-ray tube and the metal-enclosed high-voltage leads to the tube, are located at least eight feet above the floor or outside the anaesthetizing location; and



- (c) Switches for the grounded circuits are located outside of the anaesthetizing location, except that remote control stations for remotely controlled switches may be within the anaesthetizing location, when the remote control circuit is energized from the isolated and ungrounded distribution system.

#### **24-012 Extra-Low-Voltage Equipment and Instruments**

(1) Electrical apparatus and equipment used within a hazardous area, and which has exposed current-carrying elements or which is frequently in contact with the bodies of persons, shall:

- (a) Be designed to operate at 8 volts or less unless it is completely surrounded by a grounded metallic casing or sheath; and
- (b) Have a power supply which is ungrounded and electrically isolated from all circuits of higher voltage.

(2) Where an extra-low-voltage unit is supplied from an individual transformer located within a hazardous area, the following shall apply:

- (a) Flexible cords shall conform to Rule 18-050, except that a grounding conductor is not required in circuits operating at 8 volts or less;
- (b) The core and case of the transformer shall be effectively grounded; and
- (c) The transformer shall be approved for Class I hazardous locations.

(3) Where extra-low-voltage units within a hazardous area are supplied with energy from a common source, such as a transformer, motor-generator set, or storage battery, the following shall apply:

- (a) The common source shall be installed in a non-hazardous location;
- (b) Receptacles and attachment plugs, where located within a hazardous area, shall be approved for Class I hazardous locations;
- (c) Plugs shall be so designed that they cannot be inserted into receptacles intended for a higher voltage; and
- (d) Flexible cords shall conform to Rule 18-050, except that a grounding conductor is not required.

(4) Extra-low-voltage equipment and wiring, including flexible cords, shall be protected from dangerous overcurrent by:

- (a) Suitable overcurrent devices installed in a non-hazardous location; or
- (b) Inherent current limitation of the source of supply;

(5) Resistance or impedance devices may be used to control extra-low-voltage units but shall not be used to limit the maximum input voltage.

(6) Where an extra-low-voltage unit includes a switch or other make-and-break or sliding contact, or where it includes a resistor or resistance device which may under any operating condition reach a surface temperature exceeding 80 per cent of the lowest ignition temperature in degrees Centigrade

of the gas or vapour involved, as determined by ASTM Standard D2155-66, Method of Test for Auto-ignition Temperature of Liquid Petroleum Products, the unit shall be approved for Class I hazardous locations.

#### **24-014 Other Equipment**

(1) Suction, pressure, or insufflation equipment involving electrical elements, and located or used within a hazardous area, shall be approved for Class I hazardous locations.

(2) X-ray equipment installed or operated in an anaesthetizing location as defined in Rule 24-002(b) shall:

- (a) Be provided with approved means for preventing accumulation of electrostatic charges;
- (b) Have all control devices, switches, relays, meters, and transformers totally enclosed, and where installed or operated within a hazardous area, such devices shall be approved for Class I hazardous locations; and
- (c) Have high-voltage wiring effectively insulated from ground and adequately guarded against accidental contact.

**24-016 Grounding.** In any hazardous area, all metallic raceways, and all non-current-carrying metallic portions of fixed or portable equipment shall be grounded in accordance with Section 10, except as provided in Rule 24-012.

### **SECTION 26—INSTALLATION OF ELECTRICAL EQUIPMENT**

#### **General**

**26-000 Equipment Used With Single Conductors.** Single conductors whose ampacities are based on the free-air ratings of Tables 1 or 3 shall not be connected to equipment containing fuses of types covered by CSA Standard C22.2 No. 59-1952, Fuses, unless the equipment is marked as being suitable for such use.

**26-002 Connection to Identified Terminals or Leads.** Wherever a device having an identified terminal or lead is connected in a circuit having an identified conductor, the identified conductor shall be connected to the identified terminal or lead.

**26-004 Equipment on Combustible Floors.** A floor of combustible material directly under stationary or fixed electrical equipment with open bottoms shall be covered with a plate of steel which shall extend at least 6 inches beyond the equipment on all sides.

#### **26-006 Outdoor Installations**

(1) Outdoor installations of apparatus, unless housed in suitable enclosures, shall be surrounded by suitable fencing in accordance with Rules 26-176 to 26-202 of this Code or as may be otherwise directed by the inspection department.

(2) Overhead high-potential conductors shall have a vertical clearance from buildings of 15 feet.

(3) Outdoor equipment shall be grounded in an acceptable manner.



(4) High-potential isolating switches not of the metal-enclosed type which are assembled in the field shall be spaced according to Table 35.

(5) Horn-gap switches shall be mounted in a horizontal position and be capable of being locked in the open position.

(6) High potential fuses shall be spaced according to Table 35.

#### **26-008 Flammable Oil-Insulated Equipment, Indoors**

(1) Electrical equipment containing liquids that will burn in air, in quantities of more than 5 gallons in one tank, or more than 15 gallons in a group of tanks, shall be located in an electrical equipment vault, except that for motor starters these oil quantities shall be doubled.

(2) Electrical equipment containing liquids that will burn in air in quantities of 5 gallons or less in one tank and 15 gallons or less in a group of tanks shall be installed in an electrical equipment vault or installed in a building or room of fire-resisting construction, except that for motor starters these oil quantities shall be doubled.

(3) Electrical equipment as described in Subrule (2) and which is installed in a building or room of fire-resisting construction shall be:

(a) Provided with a metal pan or concrete curbing capable of retaining all the liquid above it;

(b) Isolated from other apparatus by segregation of adjacent cells by effective barriers, metal-enclosed equipment being considered as providing segregation; and

(c) Separated from other flammable oil-insulated equipment by such a distance that, if the oil in each equipment were spread at a density of 1 gallon per 4 square feet, the areas so covered would not overlap, these areas being deemed to be circular if the tank (or group of tanks) is in an open area, semi-circular if the tank is against a wall, and quarter-sector if the tank is in a corner.

#### **26-010 Flammable Oil-Insulated Equipment, Outdoors**

(1) Electrical equipment containing liquids that will burn in air, in quantities of more than 10 gallons, and installed outdoors, shall not, except as permitted by Subrule (3), be located within 20 feet of:

(a) Any combustible surfaces or material on a building;

(b) Any door or window; or

(c) Any ventilation inlet or outlet.

(2) The dimension referred to in Subrule (1) shall be the shortest line-of-sight distance from the face of the container containing the flammable liquid to the building or part of the building in question.

(3) Notwithstanding the requirements of Subrule (1), the equipment may be installed within 20 feet of a building providing a suitable noncombustible wall or barrier is constructed, in a manner acceptable to the supply authority and the inspection department, between the building and the equipment.

(4) Where electrical equipment containing liquids that will burn in air, in quantities of more than 10 gallons, are installed outdoors they shall:

(a) Be inaccessible to unauthorized persons;

(b) Not obstruct fire fighting operations;

(c) If installed at ground level, be located on a concrete pad draining away from structures or be in a curbed area filled with coarse crushed stone; and

(d) Not have open drains for the disposal of flammable liquid in the proximity of combustible construction or materials.

#### **Isolating Switches**

##### **26-012 Location of Isolating Switches**

(1) Isolating switches may be located so as to require the use of a hook stick to operate them.

(2) Isolating switches shall be plainly marked so as to make it unlikely that they will be opened under load, unless:

(a) They are located or guarded so as to render them inaccessible to unauthorized persons; or

(b) They are interlocked so that they cannot normally be opened under load.

##### **26-014 Installation of High-Potential Isolating Switches**

(1) High-potential isolating switches shall be located so that they will be accessible to authorized persons only.

(2) High-potential group-operated isolating switches shall be:

(a) Interlocked with their respective circuit breakers so that the switch cannot be operated under load; and

(b) Provided with positive position indicators.

#### **Circuit Breakers**

##### **26-016 Indoor Installation of Circuit Breakers**

(1) Circuit breakers installed indoors shall be located in compliance with the following:

(a) Circuit breakers rated at more than 15,000 volts shall be installed in a fire-resisting switchroom or motor room, or in an electrical equipment vault in accordance with Rules 26-160 to 26-174;

(b) Flammable oil-insulated circuit breakers shall be installed in accordance with Rule 26-008.

(2) Circuit breakers installed in electrical equipment vaults shall be operable without opening the door of the vault.

#### **Fuses**

##### **26-018 Installation of Fuses**

(1) Fuses shall be located so that:

- (a) Their operation will not result in injury to persons or damage to property or other equipment;
- (b) They can be readily inserted or removed; and
- (c) They will be accessible to authorized persons only, when used on high-potential circuits.

(2) Where the potential exceeds 15,000 volts between conductors, fuses shall not be located indoors unless in a room of fire-resisting construction, whether or not they are in a metal enclosure.

### Panelboards

#### 26-020 Panelboards Supplying Branch Circuits

(1) Panelboards having more than 42 overcurrent devices shall not be used to supply branch circuits having 30-amperes ampacity or less, except as permitted in Subrule (2).

(2) Notwithstanding Subrule (1) panelboards supplying motor-loads only may provide more than 42 overcurrent devices.

(3) The cabinets and cutout boxes which house the panelboards shall not contain more than one panelboard unless the cabinet is divided between panelboards by a barrier of non-combustible material pierced only for the passage of supply conductors.

(4) For the purpose of this rule, each fuse shall be considered an overcurrent device and in this case of multi-pole circuit breakers a two-pole breaker shall be considered two overcurrent devices; a three-pole breaker shall be considered three overcurrent devices.

**26-022 Locations of Panelboards.** Panelboards shall not be located in coal bins, bathrooms, stairways, high ambient rooms, dangerous or hazardous locations, nor in any similar undesirable places.

### Switchboards and Switchgear

**26-024 Switchgear Clearance from Ceiling.** Switchgear shall not be built up to a point within 3 feet of a ceiling of combustible material or a ceiling of plaster applied over a combustible base unless the combustible material or base is protected against damage from fire by:

- (a) Metal lath and cement plaster;
- (b)  $\frac{1}{4}$  inch rigid asbestos board; or
- (c) Other acceptable means.

#### 26-026 Accessibility to Switchboards

(1) Adequate working space shall be provided about switchboards as required by Rule 2-308.

(2) All parts within a switchboard shall be accessible.

**26-028 Air Circuit Breakers on Switchboards.** If air circuit breakers of an open type are mounted on the front of a switchboard, they shall be mounted in a single horizontal row with their tops not less than 5 feet above the floor or operating platform.

#### 26-030 Conductor Covering at Switchgear

(1) Closely grouped conductors feeding to or from switchgear which do not have moisture-resisting, flame-retarding insulation on the individual conductors shall have an overall moisture-resisting, flame-retardant covering.

(2) Asbestos tape, if used for overall covering, shall be kept away from terminals and other live parts.

### Rotating Electrical Machinery

**26-032 Use of Wood for Insulating Rotating Machinery.** If wood is used to insulate frames of rotating electrical machinery from ground, it shall be impregnated or thoroughly coated with a suitable moisture repellent.

**26-034 Integral Protection of Rotating Machinery.** A rotating electrical machine with an integral protective device shall be marked to indicate that it has such a protective device.

### Transformers

#### 26-036 Transformers, General

(1) Transformers shall be constructed so that all live parts are enclosed unless they are installed so as to be inaccessible to unauthorized persons.

(2) Transformers shall be protected from mechanical damage.

(3) Liquid-filled transformers shall be mounted so that there will be an air space of 6 inches between transformers, and between transformers and adjacent surfaces of combustible material except the plane on which the transformer is mounted.

**26-038 Outdoor Transformer Installations.** Where transformers, including their conductors, control, and protective equipment are installed outdoors they shall:

- (a) If oil-filled, be installed in accordance with Rule 26-010;
- (b) If isolated by elevation, have the bottom of their platform not less than 12 feet above the ground;
- (c) If not isolated by elevation or not housed in suitable enclosures, have the entire installation surrounded by a suitable fence in accordance with Rule 26-176 to 26-202 of this Code, or as may be otherwise directed by the inspection department; and
- (d) Have, conspicuously posted, suitable warning signs indicating the highest potential employed except where there is no exposed live part.

#### 26-040 Transformers Mounted on Roofs

(1) Transformers having their cores immersed in a liquid which will burn in air, if installed on the roof of a building, shall be located in an electrical equipment vault in accordance with Rules 26-160 to 26-174, adequately supported by means of fire-resisting construction.



(2) Transformers having their cores immersed in a liquid which will not burn in air, if installed on the roof of a building, shall not be placed adjacent to doors or windows, nor within 15 feet of discharge vents for flammable fumes or dusts of a combustible or electrical conductive nature.

#### 26-042 Liquid-Filled Transformers Indoors

(1) Flammable oil-insulated transformers located indoors shall be installed in accordance with Rule 26-008.

(2) Transformers located indoors and having their cores immersed in a liquid that will not burn in air shall be installed in a transformer vault unless:

- (a) The transformer is protected from mechanical damage either by location or guarding;
- (b) A pressure relief vent is provided where the rating exceeds 25 kva at 25 cycles or  $37\frac{1}{2}$  kva at 60 cycles;
- (c) A means of absorbing gases generated by arcing inside the case, or a pressure relief vent connected to outdoors, is provided where the transformer is installed in a poorly ventilated location; and
- (d) Where the voltage rating exceeds 15,000 volts, the transformer is installed in a room of fire-resisting construction accessible only to authorized persons.

#### 26-044 Dry-Core, Open-Ventilated Type Transformers

(1) Transformers of the dry-core open-ventilated type shall be mounted so that there will be an air space between the transformer casing and adjacent surfaces, except floors, of:

- (a) 12 inches, if the adjacent surface be of combustible material; or
- (b)  $\frac{1}{4}$  inch if the adjacent surfaces are of:
  - (i) Noncombustible material;
  - (ii) Combustible material adequately protected by noncombustible, heat-insulating material other than sheet metal; or
  - (iii) Combustible material shielded by grounded sheet metal with an air space of not less than 2 inches between the sheet metal and the combustible material.

(2) Dry-type transformers not of the sealed type shall not be installed below grade level unless adequate provision is made to prevent flooding.

(3) Dry-type transformers not of the sealed type shall be installed in such a manner that water or other liquids cannot fall on to the windings.

(4) Dry-type transformers, if mounted directly on a floor of combustible material, shall be provided with a floor plate of steel, with a sheet of asbestos or similar material on the underside, which shall extend at least 6 inches beyond the transformer on all sides.

**26-046 Disconnecting Means for Transformers.**  
A disconnecting means shall be installed in the primary circuit of each transformer or each bank of transformers operating as a unit.

#### 26-048 Overcurrent Protection for Power and Distribution Transformers

(1) In this Rule, "transformer" means a single-phase transformer, a polyphase transformer, or a group of 2 or 3 single phase transformers used in lieu of a poly-phase unit.

(2) Except as permitted in Subrule (3), each transformer shall have overcurrent protection, either individually or in the circuit feeding the transformer, consisting of an overcurrent device rated or set at not more than 250 per cent of the rated primary current of the transformer.

(3) As an alternative to the overcurrent protection referred to in Subrule (2), the following overcurrent protection may be provided:

- (a) An overcurrent device connected in the circuit feeding the transformer with a rating:
  - (i) Not more than 600 per cent of the rated current of the transformer, for a transformer having an impedance voltage not more than 6 per cent; or
  - (ii) Not more than 400 per cent of the rated current of the transformer, for a transformer having an impedance voltage more than 6 per cent but not more than 10 per cent; and
- (b) Either an overcurrent device connected in the secondary circuit rated or set at not more than 250 per cent of the rated secondary current of the transformer or a transformer equipped with coordinated thermal overload protection by the manufacturer.

(4) Notwithstanding Subrules (1), (2), and (3), more than one transformer may be protected by the same set of overcurrent devices providing the requirements of Subrules (1), (2), and (3) are met.

#### 26-050 Conductor Size for Transformers

(1) The feeder and branch circuit conductors for transformers shall have an ampacity rating:

- (a) Not less than 125 per cent of the rated current of the transformer for a single transformer; or
- (b) Not less than the sum of the rated currents of all the transformers plus 25 per cent of the rated current of the largest transformer for a group of transformers operated in parallel or on a common feeder.

(2) Where multi-rating transformers are used, the conductor size shall be 125 per cent of the highest rated current of the transformer.

#### 26-052 Overcurrent Protection of Instrument Potential (Voltage) Transformers

(1) Except under the conditions of Subrules (2), (3), and (4), instrument potential (voltage) transformers shall have primary fuses rated not more than:

- (a) 10 amperes for low-potential circuits; and
- (b) 3 amperes for high potential circuits.



(2) Primary fuses shall not be installed where they would be connected in the grounded primary neutral connection of "Y" or "Open Y" connected potential (voltage) transformers.

(3) Primary fuses may be omitted:

(a) Where the transformers are protected by adequate power fuses or other adequate protective devices for clearing equipment failures; and convenient means are provided for disconnecting the transformers on the primary side;

(b) Where potential (voltage) transformers and meters, operating at low potential and installed in suitable enclosures, are used in place of self-contained meters; or

(c) Where both potential (voltage) and current transformers are supplied by the manufacturer in a single enclosure filled with an acceptable insulating medium, which may be air for use on low potential circuits if the enclosure is non-combustible, and where:

(i) The primary terminals outside the enclosure are common to both potential (voltage) and current transformers; and

(ii) The enclosures are installed outdoors if filled with an insulating medium which will burn in air.

(4) The installation of primary fuses in the centre (common) phase primary connection of "Open-delta" connected potential (voltage) transformers shall be subject to agreement between the supply authority and the inspection department.

**26-054 Marking of Transformers.** Each transformer shall be provided with a nameplate bearing the following marking:

(a) Maker's name;

(b) Rating in kva;

(c) Rated full-load temperature rise;

(d) Primary and secondary voltage ratings;

(e) Frequency in Hertz;

(f) Liquid capacity, if of the liquid-filled type, in Imperial gallons;

(g) Type of liquid to be used, if it is to be filled with an approved liquid that will not burn in air; and

(h) Impedance voltage, if of the power or distribution type.

#### **26-056 Auto-Transformers**

(1) In this Rule "auto-transformers" means transformers in which part of the turns are common to primary and secondary alternating current circuits.

(2) Auto-transformers shall not be connected to interior-wiring systems other than a wiring system or circuit used wholly for motor purposes unless:

(a) The system supplied contains an identified grounded conductor solidly connected to a similar identified grounded conductor of the system supplying the auto-transformer;

(b) The auto-transformer is used for starting or controlling an induction motor;

(c) The auto-transformer supplies a circuit wholly within the apparatus which contains the auto-transformer; or

(d) The auto-transformer is used for fixed voltage adjustment on an existing power circuit having no identified grounded conductor.

(3) Where an auto-transformer is used for starting or controlling an induction motor it may be included in a starter case or it may be installed as a separate unit.

#### **Capacitors**

**26-058 Capacitors Excepted.** The requirements of Rules 26-060 to 26-076 shall not apply to capacitors which form component parts of factory assembled electrical equipment nor to surge protective capacitors.

**26-060 Capacitors Installed Indoors.** Flammable oil-insulated capacitors located indoors shall be installed in accordance with Rule 26-008.

**26-062 Guarding of Capacitors.** All live parts of capacitors shall be inaccessible to unauthorized persons.

**26-064 Grounding of Capacitors.** Non-current-carrying metal parts of capacitors shall be grounded.

#### **26-066 Conductor Size for Capacitors**

(1) The continuous current rating of capacitor feeder circuits and branch circuits shall be not less than 135 per cent of the rated current of the capacitor.

(2) Where a branch circuit supplies two or more capacitors the overcurrent device protecting the conductors of the branch circuit may be considered as protecting taps made thereto to supply single capacitors provided that:

(a) The tap is not more than 25 feet long; and

(b) Its conductors comply with Subrule (1) and also have an ampacity not less than  $\frac{1}{2}$  that of the branch circuit conductors from which they are supplied.

**26-068 Overcurrent Protection.** An overcurrent device, rated or set as low as practicable without causing unnecessary opening of the circuit, but not exceeding 250 per cent of the rated current of the capacitor except by special permission shall be provided in each ungrounded conductor of a capacitor feeder or branch circuit.

#### **26-070 Disconnecting Means for Capacitor Feeders or Branch Circuits**

(1) A disconnecting means having a continuous ampacity not less than 135 per cent of the rated current of the capacitor shall be provided in each ungrounded conductor of the capacitor feeder or branch circuit.

(2) The disconnecting means shall be within sight of and not more than a distance of 30 feet from the capacitors unless the disconnecting means can be locked in the open position.

**26-072 Special Provisions for Motor Circuit Capacitors.** A capacitor connected on the load

side of a motor circuit disconnecting means shall be subject to the following special provisions:

- (a) Individual disconnecting means for the capacitor need not be provided;
- (b) If connected on the load side of the motor overcurrent device, individual overcurrent protection for the capacitor need not be provided;
- (c) The rating of the disconnecting means and the overcurrent device and the size of the motor-circuit conductors need not be greater than would be required without the capacitor;
- (d) The continuous current ratings of the conductors connecting the capacitor to the motor circuit shall be in accordance with Rule 26-066 and shall be not less than  $\frac{1}{3}$  that of the motor-circuit conductors;
- (e) If connected on the load side of the motor overload device:
  - (i) The rating of the capacitor shall not exceed the value required to raise the no-load power factor of the motor to unity; and
  - (ii) The rating or setting of the overload device shall be reduced to a value corresponding with the current obtained with the improved power factor.

**26-074 Transformers used with Capacitors.** The kva rating of a transformer used with a capacitor shall be not less than 135 per cent of the capacitor kva rating.

#### **26-076 Drainage of Stored Charge of Capacitors**

- (1) Capacitors shall be provided with a means of draining the stored charge.
- (2) The draining means shall be such that the residual voltage will be reduced to 50 volts or less after the capacitor is disconnected from the source of supply:
  - (a) Within 1 minute in the case of capacitors rated at 750 volts or less; and
  - (b) Within 5 minutes in the case of capacitors rated at more than 750 volts.
- (3) The discharge circuit shall be:
  - (a) Permanently connected to the terminals of the capacitor or capacitor bank; or
  - (b) Provided with automatic means of connecting it on removal of voltage from the line.
- (4) The discharge circuit shall not be switched or connected by manual means.
- (5) Motors, transformers, or other electrical equipment capable of constituting a suitable discharge path, connected directly to capacitors without the interposition of a switch or overcurrent device, constitute a suitable discharge path.

#### **Storage Batteries**

**26-078 Scope.** Rules 26-080 to 26-088 apply to the installation of lead-acid, nickel-cadmium, and nickel-iron batteries of both the floating-service station type and the charge-discharge industrial type.

#### **26-080 Location of Storage Batteries**

- (1) Storage batteries shall be kept in battery rooms or enclosures used for no other purposes when:
  - (a) The batteries are in open jars or tanks; and
  - (b) The aggregate capacity at the 8-hour discharge rate exceeds 5 kilowatt hours.
- (2) Where there are exposed live parts of 45 volts or higher, batteries shall be kept in a room or enclosure accessible only to authorized personnel.
- (3) Storage batteries shall not be subjected to ambient temperatures:
  - (a) Exceeding 45C (113F); or
  - (b) Below the freezing point of the electrolyte.

#### **26-082 Ventilation of Battery Rooms or Areas**

- (1) Storage battery rooms or areas shall be thoroughly ventilated
- (2) Adequate means shall be made for sufficient diffusion and ventilation of the gases from the battery to prevent the accumulation of an explosive mixture.

**26-084 Cell Mounting.** Battery cells shall be mounted in wooden or steel trays or on racks as follows:

- (a) The tray or rack shall be level;
- (b) The tray or rack shall be protected against corrosion from the battery electrolyte;
- (c) The cell mounting surface of the tray or rack shall be covered with an insulating material having a dielectric strength of at least 1,500 volts;
- (d) Racks shall be of sufficient strength to carry the weight of the battery;
- (e) Battery cells having glass or plastic containers shall rest on a resilient surface; and
- (f) Battery cells shall be spaced a minimum of  $\frac{3}{8}$  inch apart to allow for normal expansion of containers due to temperature change.

#### **26.086 Wiring Method in Battery Rooms**

- (1) The wiring method used in storage battery rooms shall be:
  - (a) Bare conductors which shall not be taped;
  - (b) Open wiring;
  - (c) Rigid conduit or electrical metallic tubing subject to the following:
    - (i) The conduit or tubing shall be of corrosion-resisting materials or be suitably protected from corrosion;
    - (ii) The end of the raceway shall be tightly sealed with sealing compound, rubber tape or other acceptable material, to resist the entrance of electrolyte by spray or creeping;



- (iii) The conductor shall issue from the raceway through a substantial glazed insulating bushing;
  - (iv) At least 12 inches of the conductor shall be free from the raceway where connected to a cell terminal;
  - (v) The raceway exit shall be located at least 12 inches above the highest cell terminal to reduce electrolyte creepage or spillage entering the raceway or conduit;
  - (d) Mineral-insulated cable provided it is adequately protected against corrosion where it may be in direct contact with acid or acid spray; or
  - (e) Aluminum-sheathed cable provided it has suitable corrosion-resistant protection where necessary.
- (2) Varnished-cambric-insulated conductors shall not be used in storage battery rooms.

**26-088 Lighting Fixtures and Switches.** Lighting fixtures and switches in storage battery rooms shall be of the totally enclosed, gasketed type if unsealed jars or tanks are used.

### Lightning Arresters

#### 26-090 Use and Location of Lightning Arresters

- (1) Lightning arresters shall be installed in every distributing substation in locations where lightning disturbances are of frequent occurrence and no other adequate protection is provided.
- (2) Lightning arresters installed for the protection of utilization equipment:
  - (a) May be installed either inside or outside the building or enclosure containing the equipment to be protected;
  - (b) Shall be isolated by elevation, enclosed or made otherwise inaccessible to unauthorized persons.

#### 26-092 Indoor Installations of Lightning Arresters

(1) Where lightning arresters are installed in a building, they shall be located well away from all equipment other than that which they protect and from passageways and combustible parts of buildings.

(2) Where lightning arresters containing oil are installed in a building, they shall be separated from other equipment by walls conforming to electrical equipment vault construction requirements in accordance with Rules 26-160 to 26-174.

**26-094 Outdoor Installations of Lightning Arresters.** Where arresters containing oil are located outdoors, means of draining or absorbing oil shall be provided by:

- (a) Ditches or drains; or
- (b) Paving the yard in which the arrester is contained with cinders or other absorbent material to an adequate depth.

**26-096 Choke Coils for Lightning Arresters.** Where choke coils are used in connection with a

lightning arrester, the coils shall be installed between the lightning arrester tap and the apparatus to be protected.

**26-098 Connection of Lightning Arresters.** The connection between arrester and line conductor shall be:

- (a) Of copper wire or cable not smaller than No. 6 AWG;
- (b) As short and as straight as practicable with a minimum of bends; and
- (c) Free of sharp bends and turns.

**26-100 Insulation of Lightning Arrester Accessories.** The insulation from ground and from other conductors for accessories such as gap electrodes and choke coils shall be at least equal to the insulation required at other points of the circuit.

**26-102 Grounding of Lightning Arresters.** Lightning arresters shall be grounded in accordance with Section 10.

### Resistance Devices

**26-104 Location of Resistance Devices.** Resistance devices, including wiring to the resistance elements, shall be installed so that danger of igniting adjacent combustible material will be reduced to a minimum.

**26-106 Conductors for Resistance Devices.** Insulated conductors used for connection between resistance elements and controllers, unless used for infrequent motor starting, shall conform to the following:

- (a) As indicated in Table 19 as being suitable for the temperature involved and in no case less than 90°C (194°F);
- (b) Conductors having an approved flame-retardant outer covering may be grouped where the potential between any two conductors in the group does not exceed a maximum of 75 volts.

#### 26-108 Use of Incandescent Lamps as Resistance Devices

- (1) Incandescent lamps may be used:
  - (a) As protective resistors for automatic controllers; or
  - (b) By special permission, as resistors in series with other devices.
- (2) Where incandescent lamps are used as resistors, they shall:
  - (a) Be mounted in porcelain receptacles on incombustible supports;
  - (b) Be arranged so that they cannot be subjected to a voltage greater than that for which they are rated;
  - (c) Be provided with a permanently attached nameplate showing the wattage and voltage of the lamp to be used in each receptacle;



- (d) Not carry or control the main current; and
- (e) Not constitute the regulating resistance of the device.

#### Electric Heating and Cooking Appliances

**26-110 Location of Non-portable Appliances.** Non-portable electric heating and cooking appliances shall be installed so that the danger of igniting adjacent combustible material is reduced to a minimum.

**26-112 Rating of Portable Appliances.** The input to portable electric heating and cooking appliance for use on nominal 115-volt branch circuits protected by over-current devices rated or set at not more than 15 amperes shall not exceed 1,500 watts at 115 volts.

#### 26-114 Separate Built-In Cooking Units

(1) Separate built-in cooking units without integral overcurrent protection shall be provided with the necessary overcurrent protection, as required by CSA Standard C22.2 No. 61-1959, Domestic Electric Ranges, in a separate panel.

(2) Tap circuit conductors feeding individual separate built-in cooking units from a single branch circuit shall have an ampacity of not less than the ampere rating of the unit or heating element which they supply as determined from Tables 1 to 4, whichever is applicable.

(3) Where tap circuit conductors feed individual separate built-in cooking units having integral overcurrent protection the ampacity of the tap circuit conductor shall, in addition to complying with the requirements of Subrule (2), be not less than that of the single branch circuit supplying them unless the tap circuit is not over 25 feet long in which case the ampacity may be  $\frac{1}{3}$  that of the single branch circuit conductors.

#### 26-116 Supply Connections for Appliances

(1) Electric heating and cooking appliances shall have only one point of connection for supply.

(2) The point of connection for a separate built-in cooking unit without integral overcurrent devices may be in the separate panel referred to in Subrule (1) of Rule 26-114.

(3) Where an electric clothes dryer is intended to be installed in a residential occupancy, a receptacle having a rating not less than the demand of the appliance supplied, and of CSA configuration 14-30R or 14-50R as shown in Table 46 shall be installed for the supply of electrical energy to the appliance.

(4) An electric clothes dryer in a residential occupancy shall be cord-connected by means of a cord and attachment plug cap of CSA configuration 14-30P or 14-50P to the receptacle referred to in Subrule (3).

(5) A receptacle having a rating not less than the calculated demand of the appliance supplied and of CSA configurations 14-50R or 14-60R as shown in Table 46 shall be installed in a residential occupancy for the supply of energy to a free-standing electric range.

(6) A free-standing electric range in a residential occupancy shall be cord-connected by means of a cord and attachment plug cap of CSA configuration 14-50P or 14-60P to the receptacle referred to in Subrule (5).

(7) Where permitted by the inspection department, appliances which are approved for connection by a wiring method as specified in Section 12, may be cord-connected using an attachment plug and receptacle.

(8) Where a wiring system intended to supply an electric clothes dryer is installed, it shall be connected to a receptacle as outlined in Subrule (3) at the load end and connected to the panelboard at the supply end.

(9) Where a receptacle as required by Subrule (3) is installed, it shall be connected to the panelboard and by a wiring system specified in Section 12.

(10) The range receptacle referred to in Subrule (5) shall be connected to the panelboard and by a wiring system as specified in Section 12.

#### 26-118 Appliances Exceeding 1,500 Watts

(1) Every electric heating and cooking appliance rated at more than 1,500 watts shall be supplied from a branch circuit used solely for one appliance except that more than one appliance may be connected to a single-branch circuit provided that the following is used:

- (a) A multiple-throw manually-operated device which will permit only one such appliance to be energized at one time; or
- (b) An automatic device which will limit the total load to a value which will not cause operation of the overcurrent devices protecting the branch circuit.

(2) Every electric heating and cooking appliance rated at more than 1,500 watts shall be controlled by an indicating switch which may be in the circuit or on the appliance except that:

- (a) If the rating of the appliance does not exceed 30 amperes, an attachment plug and receptacle may be used instead of a switch; and
- (b) If the appliance has more than one individual heating element each controlled by a switch, no main switch need be provided.

(3) For the purpose of this Rule, two or more separate built-in cooking units together with their overcurrent devices shall be considered as one appliance.

**26-120 Signals for Heated Appliances.** Where glue pots, soldering irons, or appliances intended to be applied to combustible materials are used in other than private dwelling occupancies:

- (a) Each appliance or group of appliances shall be provided with an indicating switch and a red pilot light; or
- (b) Each appliance shall be equipped with an integral temperature limiting device, in which case, the pilot light may, by special permission, be omitted.

**26-122 Installation of Storage-Tank Water Heaters**

(1) Electric storage-tank water heaters, other than those having a tank open to the atmosphere, shall be controlled by means of a temperature regulating device and shall also be provided with secondary protection which will open if the water attains a temperature of 96C (205F).

(2) The temperature regulating device referred to in Subrule (1) shall regulate the temperature of the water so that it does not exceed 90C (194F).

(3) Electric storage-tank water heaters shall be located so that the electric supply connections, service covers, and nameplate markings will be accessible after completion of the building structure.

(4) Every electric storage-tank water heater shall be supplied from a branch circuit used solely for the heater.

**26-124 Infra Red Drying Lamps:** The following requirements shall apply to the installation of infra red drying lamps:

- (a) Branch circuits shall be protected in accordance with Section 14;
- (b) Lampholders of the medium-base, unswitched, porcelain type or other types approved for the service, may be used with lamps rated at 300 watts or less;
- (c) Screw-shell lampholders shall not be used with lamps rated at more than 300 watts unless especially approved for the purpose;
- (d) In industrial occupancies, lampholders may be operated in series on circuits of more than 150 volts to ground where adequate spacings for the higher circuit voltage are provided.

**26-126 Number of Receptacles**

(1) In residential premises which are occupied the year round, there shall be installed a minimum of three receptacles, constructed to accommodate parallel blade caps in each finished room except:

- (i) living rooms shall contain not less than four receptacles;
- (ii) dining rooms shall contain at least two receptacles, except in a multi-family dwelling containing more than 6 units, where one will suffice.

(2) In residential premises which are occupied seasonally only, there shall be installed, in each room, the following number of receptacles to accommodate parallel blade caps:

- (i) two for a room of area up to 100 square feet;
- (ii) three for a room of area over 100 square feet and up to 150 square feet;
- (iii) four for a room of area over 150 square feet.

(3) Such receptacles shall, insofar as practicable, be spaced equal distances apart.

(4) A receptacle shall be installed at counter height in each bathroom, in a location difficult of access from the bath.

(5) Receptacles shall not be placed in ironing cabinets, cupboards, wall cabinets, nor in like enclosures, except where they are intended for use with specific appliances, other than heating and cooking appliances, which are located within the enclosure.

(6) Each single family residence and each residence of row housing used for year-round habitation, shall have at least one receptacle constructed to accommodate parallel blade caps, installed, so as to be readily accessible for the use of appliances which, of necessity, are used outdoors.

**26-128 Appliance Receptacles**

(1) There shall be installed in each kitchen of a residential occupancy:

- (a) at least three split receptacles where the occupancy is a single-family dwelling.
- (b) at least two split receptacles where the occupancy is a suite of a multi-family dwelling;
- (c) the split receptacles in Clauses (a) and (b) shall each be supplied by a three-wire circuit to which no other outlets are connected.

(2) (a) At least 2 split receptacles required by Subrule (1) (a) and 1 split receptacle required by Subrule (1) (b) shall be installed in the working area of the kitchen above counter level;

(b) where 2 split receptacles are installed above the working counter they shall be separated a distance of at least 6 feet, where practicable;

(c) where a separation of 6 feet between receptacles is not practicable, they may be grouped.

(3) All of the receptacles required by Subrule (1) shall be located so as to be readily accessible.

(4) There shall be installed in each area of a residential occupancy used as a laundry room or utility room, a receptacle supplied by a circuit to which no other outlets are connected.

(5) For the purposes of this Rule, the term residential occupancy shall include residences used on a seasonal or part-time basis.

(6) For the purposes of this Rule, a three-wire circuit shall be classed as two circuits.

**26-130 Receptacles Exposed to the Weather**

(1) Receptacles exposed to the weather shall be provided with weather-proof cover plates, except that, when these receptacles are installed facing downwards, at an angle of 45 degrees or less from the horizontal, standard metallic cover plates may be used.

(2) Where receptacles exposed to the weather are installed in surface mounted outlet boxes, the cover plates shall be held in place by at least four screws.

**26-132 Receptacles**

(1) Receptacles shall be constructed so that no outlet section will accommodate both parallel and tandem blade caps.



(2) Receptacle configurations shall be in accordance with Tables 46 and 47 except:

- (a) For receptacles used on equipment solely for interconnection purposes;
- (b) For receptacles for specific applications as required by other rules of this Code;
- (c) Where other configurations are permitted by the inspection department.

(3) Except as may otherwise be permitted by the inspection department, receptacles having configurations in accordance with Tables 46 and 47 shall only be connected to circuits having a nominal system voltage corresponding to the rating of the configurations.

(4) Receptacles connected to circuits having different voltages, frequencies or types of current (ac or dc) on the same premises shall be of such design that attachment plugs used on such circuits are not interchangeable.

(5) Receptacles shall not be of the screw base type.

(6) Receptacles with exposed terminals shall be used only in fittings, metal troughs, and similar devices.

(7) Receptacles located in floors shall be enclosed in floor boxes approved for the purpose.

(8) Where grounding type receptacles are used in existing installations to replace the ungrounded type, the grounding terminal shall be effectively connected to ground and one of the following methods may be used:

- (a) By bonding to grounded metallic raceway or cable sheath;
- (b) By connection to the system ground by means of a separate grounding conductor; or
- (c) By bonding to an adjacent grounded metallic cold water pipe.

### 26-134 Three-Wire Receptacle Branch Circuits

(1) Where receptacles are connected to three-wire branch circuits:

- (a) The receptacles shall be of an approved type having separate terminals for the connection of the ungrounded conductors; and

- (b) The branch circuit shall comply with Rule 14-000.

(2) Duplex receptacles having one section which will accommodate parallel blade caps and the other section which will accommodate tandem blade caps shall be connected only to 3-wire branch circuits that:

- (a) Comply with Rule 14-000; and

- (b) Are protected by overcurrent devices rated or set at not more than 15 amperes.

### 26-136 Receptacles for Appliances

(1) Receptacles connected to branch circuits for the supply of equipment shall be rated not less than the

minimum ampacity of the branch circuit conductors as required by the rules in Section 8.

(2) Receptacles installed for the connection of appliances rated at 125/250 volts such as ranges and clothes dryers shall be of the 3-pole 4-wire grounding type.

## Arc Lamps

### 26-138 Location of Arc Lamps

(1) Outdoor arc lamps, attached to a building and supplied from the interior installation, shall be suspended at least 8 feet above the ground level.

(2) Indoor arc lamps shall be hung out of reach or shall be protected in an acceptable manner.

### 26-140 Conductors to Arc Lamps

(1) Leads to arc lamps shall have an ampacity of approximately 150 per cent of the normal current of the lamp.

(2) The leads shall be stranded where:

- (a) The size exceeds No. 14 AWG; and

- (b) The lamp suspension provides for raising and lowering.

**26-142 Overcurrent Protection for Arc Lamps.** An overcurrent device shall be provided for each arc lamp or series of lamps.

### 26-144 Resistors or Regulators

(1) Resistors or regulators shall be enclosed in incombustible cases and located away from readily combustible material.

(2) Incandescent lamps shall not be used as resistors or regulators.

### 26-146 Globes and Spark Arresters

(1) Arc lamps other than those of the enclosed arc type shall be equipped with globes and spark arresters.

(2) Globes shall be guarded by wire netting having a mesh of not more than  $1\frac{1}{4}$  inches.

## Heating Equipment

**26-148 Scope.** Rules 26-150 and 26-152 apply to circuits supplying electric power for the operation of heating equipment whose individual input does not exceed 400,000 Btu per hour, and which uses solid, liquid or gaseous fuels, but do not apply to portable heating equipment.

### 26-150 Supply Connections For Heating Equipment

(1) All electric power for the heating unit and associated equipment operating in connection therewith, shall be obtained from a single branch circuit which shall be used for no other purpose.

(2) For the purpose of this Rule, circulating pumps, and similar equipment need not be considered as associated equipment, provided that such equipment is not essential for the safe operation of the heating unit.



(3) The branch circuit may be tapped as necessary to supply the various pieces of associated equipment, but there shall be no overcurrent protection supplied in the tap to any piece of associated equipment the operation of which is essential to the proper operation of the heating unit, unless the control equipment is of such a nature that the heating unit will be shut down if the associated equipment fails to function due to the operation of the overcurrent device.

**26-152 Disconnecting Means.** Suitable disconnecting means shall be provided for the branch circuit.

**26-154 Heating Equipment Rated At More than 400,000 Btu Per Hour**

(1) Heating equipment whose individual input exceeds 400,000 Btu per hour, and use solid, liquid or gaseous fuels, shall be installed in accordance with Subrules (2) and (3).

(2) All electric power for the heating unit and associated equipment operating in connection therewith shall be obtained from a single feeder or branch circuit which shall be used for no other purposes.

(3) A suitable disconnecting means shall be provided for the feeder or branch circuit.

**26-156 Mechanical Protection of Conductors.** All branch circuit or tap conductors within 5 feet from the floor shall be adequately protected from mechanical injury.

**26-158 Fuel Burner Safety Controls.** Fuel burner safety controls shall be installed in accordance with the requirements of the CSA Standard C22.2 No. 3-1968, Electrical Features of Fuel-Burning Equipment (Gas and Oil).

### Electrical Equipment Vaults

**26-160 General**

(1) For purposes of rules pertaining to the construction of electrical equipment vaults, the single word vault(s) shall be understood to have the same meaning as electrical equipment vault(s).

(2) Vaults shall not be used for storage purposes.

(3) Vaults, when required by the rules of this Code, shall be constructed in accordance with the following Rules 26-162 to 26-174.

**26-162 Vault Size.** Vaults shall be of such dimensions as to accommodate the installed equipment with at least the minimum clearances specified in the pertinent Sections of this Code.

**26-164 Walls, Roofs, and Floors**

(1) Walls shall consist of:

- (a) Reinforced concrete not less than 6 inches thick;
- (b) Hard burned clay brick or solid concrete block not less than 8 inches thick; or
- (c) Hollow concrete block of the cinder, clay, Haydite or calcareous aggregate type, all not less than 12 inches thick.

(2) Roofs or ceilings shall consist of reinforced concrete of adequate strength for the conditions, but in no case shall they be less than 6 inches thick.

(3) Floors shall consist of reinforced concrete of adequate strength for the conditions, but in no case shall they be less than 6 inches thick, except that where they are at excavation level, they may be of reinforced concrete not less than 4 inches thick.

(4) Walls, roofs or ceilings, and floors shall be adequately anchored together in a manner designed to resist dislodgement by explosion.

(5) Walls, floors, roofs or ceilings which form part of the building proper, and which comply with these requirements, shall be acceptable all or in part, for standard vault construction.

(6) Other types of fire-resisting construction may be accepted by special permission provided they have adequate strength for the application and a fire-resisting rating of not less than 2½ hours according to CSA Standard B54.3-1964, Methods of Fire Tests of Walls, Partitions, Floors, Roofs, Ceilings, Columns, Beams, and Girders.

**26-166 Pipes and Ducts.** Any pipes or ducts not necessary for fire protection or proper operation of the electrical installation shall not enter or pass through a vault.

**26-168 Ventilation**

(1) In a vault where self-cooled transformers or other equipment is installed, sufficient ventilation shall be provided so as to prevent the ambient air temperature exceeding 40C (104F).

(2) In a vault ventilated directly from an outdoor area by natural ventilation without the use of ducts, and where the transformers are the principal source of heat, the combined net area of inlet and outlet openings shall not be less than 3 square inches per kva of transformer capacity with a minimum of 1 square foot, except that:

- (a) Where transformers in the power class, as defined in CSA Standard C88-1968, Power Transformers and Reactors, are installed, ventilation requirements may be based on the actual full-load losses; and
- (b) Where one or more transformers are installed for emergency purposes only, and are not normally energized, they need not be considered in determining ventilation requirements.

(3) The inlet for fresh air shall lead from an outdoor area and shall terminate at a point not more than 3 feet above the floor level of the vault.

(4) Ventilation openings shall be covered by durable gratings, screens, louvres, or equivalent, according to the treatment required to avoid unsafe conditions.

(5) Ventilating ducts shall be constructed of noncombustible materials, other than aluminum, and their construction and installation shall comply with the applicable requirements of CUA Pamphlet No. 90A-1971, Installation of Air Conditioning and Ventilating Systems, other than excepted by these rules.

(6) Where mechanical ventilation is installed, it shall be arranged so that:

- (a) The vault ventilation is separate from the main building system;
- (b) The vault temperature is thermostatically controlled;
- (c) The ventilating fan is located so that it may be serviced without danger to personnel;
- (d) A high temperature alarm is provided;
- (e) The fan is cut off automatically in the event of fire; and
- (f) A filter is provided in the air inlet if there is a possibility of dirt being drawn in.

(7) Where a ventilation duct or opening may pierce a vault enclosure into the building proper, or into an adjoining cut-off fire section or other building:

- (a) The duct or opening shall be provided with a  $\frac{3}{8}$ -inch steel plate automatic fire damper at the point where it emerges from the vault;
- (b) The damper shall be mounted in a No. 10 MSG steel damper box provided with a hand hole for damper servicing;
- (c) The damper box shall be bolted or be otherwise firmly secured to the vault structure so that, in the event of duct collapse, the damper will continue to function as a fire cut-off;
- (d) The damper shall be mounted on the vault side of the opening, if it be of the swing type, so that pressure due to fire in the vault will tend to keep the damper closed;
- (e) The automatic damper releasing device or system, such as a fusible link or other automatic fire detector, shall be of an approved type, arranged to close automatically only on the occurrence of fire within the vault, and not on temperature rise due to overheated equipment;
- (f) Automatic dampers shall be designed and constructed so as to minimize the possibility of accidental closing;
- (g) Damper hinge pins shall be of suitable non-ferrous metal with ample clearance to prevent binding at hinge joints; and
- (h) Dampers shall be checked for operation at least annually.

#### 26-170 Drainage

(1) A vault shall be provided with a drain or other means which will carry off an accumulation of oil or water in the vault.

(2) Where local by-laws prohibit the draining of oil into the public sewage system, the drain may empty into a covered sump or pit, provided the cover is non-combustible and a trap is provided between the drain and the sump or pit to prevent flame travel to the latter.

(3) The floor shall slope downwards towards the drain with a minimum pitch of  $\frac{1}{4}$  inch per foot.

#### 26-172 Doors

(1) Except as provided for in Subrule (3), each doorway giving access to a vault shall be provided

with a fire door and frame (for flush-mounted doors) approved for Class A openings, as defined in CUA Pamphlet No. 80-1971, Installation of Fire Doors and Windows, and such fire door and frame shall be installed in accordance with the requirements of CUA Pamphlet No. 80.

(2) Each fire door shall be provided with hardware approved for use with that particular door.

(3) The use of a fire door in openings giving access to a vault from an outdoor area may be waived at the discretion of the inspection department.

(4) All doorways communicating with the building proper, or which may communicate fire to other property shall be provided with a concrete sill of sufficient height to confine within the vault all the oil from the largest transformer or other piece of equipment installed therein, and in no case shall it be less than 4 inches in height.

(5) Doors shall open outward from the vault.

(6) Each door shall be provided with a substantial lock or padlock, and shall be kept locked so that unauthorized persons will not have access to the vault.

#### 26-174 Illumination

(1) Each vault shall be provided with an adequate lighting system, controlled by one or more switches located near the entrance.

(2) Lighting fixtures shall be located so that they may be relamped without danger to personnel.

(3) Each vault shall have a grounding type receptacle, installed in accordance with Rule 26-132(8) and located in a convenient location inside the vault and near the entrance.

#### Fences

**26-176 General.** Rules 26-178 to 26-202 apply to fences for guarding electrical equipment, especially transformers, when located outdoors.

#### 26-178 Clearance of Equipment

(1) The minimum clearance between the fence and unguarded live parts shall be in accordance with Table 33.

(2) The minimum clearance between the fence and enclosures containing live parts shall be  $3\frac{1}{2}$  feet.

(3) The clearance shall provide adequate working space around the equipment, taking into consideration the space required for draw-out type of equipment and the opening of enclosure doors.

**26-180 Height of Fence.** The fence, excluding barbed wire, shall be not less than six feet high.

**26-182 Barbed Wire.** The fence shall be topped with not less than 3 strands of barbed wire.

#### 26-184 Setting of Posts

(1) Posts shall be set at a depth of  $3\frac{1}{2}$  feet for end, gate, and corner posts and 3 feet for line posts wherever ground conditions will permit.



(2) Where ground conditions will not permit this depth, extra bracing or concrete footings shall be provided.

(3) Concrete footings may be required for metal posts in any case.

(4) The spacing between posts shall be 10 feet maximum.

(5) End, gate, and corner posts shall be adequately braced against strain.

#### **26-186 Gates**

(1) Gates shall preferably open outwardly but, if it is necessary that they open inwardly, they shall not come into contact with the frame or enclosure of any electrical equipment when open.

(2) Gates shall be adequately braced as necessary and double gates shall be used where the width of opening exceeds 5 feet.

(3) Centre stops shall be provided for double gates.

(4) Gates shall have provision for securing with padlocks.

#### **26-188 Chain Link Fabric**

(1) Chain link fabric shall be securely attached to all posts and gate frames.

(2) Chain link fabric shall be reinforced as necessary at top and bottom to prevent distortion.

(3) Chain link fabric shall extend to within 2 inches of the ground.

#### **26-190 Use of Wood**

(1) Wood is not permitted as a fence material in many localities and should not be considered unless it is known that the inspection department will permit its use.

(2) Where wood slats are permitted, they shall:

(a) Extend to within 2 inches of the ground;

(b) Be placed on the outside of the stringers; and

(c) Be spaced not more than  $1\frac{1}{2}$  inches apart, except that, where the frame or enclosure of any electrical equipment is less than 6 feet from the fence, no spacing will be permitted.

#### **26-192 Posts**

(1) Metal posts shall be:

(a) Of galvanized steel;

(b) 3-inch nominal pipe size (7.59 pounds per foot) for corner, end, and gate posts; and

(c) 2-inch nominal pipe size (3.65 pounds per foot) for line posts.

(2) Wood posts shall be not less than 6 by 6 inches nominal size, and shall be suitably protected against decay.

**26-194 Chain Link Fabric.** Chain Link fabric shall be:

(a) Made of galvanized steel wire not less than 0.144 inch in diameter;

(b) Have a mesh not greater than two inches; and

(c) Be not less than 6 feet in width.

#### **26-196 Top Rails.** Top rails shall be:

(a) Of galvanized steel;

(b) Of  $1\frac{1}{4}$ -inch nominal pipe size (2.25 pounds per foot); and

(c) Provided with suitable expansion joints where necessary.

**26-198 Wood Stringers.** Wood stringers shall be not less than 2 by 6 inches nominal size if two are used and not less than 2 by 4 inches nominal size if three are used.

**26-200 Wood Slats.** Wood slats shall be not less than 1 by 4 inches nominal size.

#### **26-202 Preservative Treatment**

(1) Steel or iron parts shall be either hot dip galvanized or electroplated with non-ferrous metal.

(2) Wood shall be impregnated, treated, or well painted before assembly and, where in contact with the earth or concrete, shall be impregnated or otherwise suitably treated against decay.

### **SECTION 28—MOTORS**

#### **General**

**28-000 Scope.** This Section applies to the installation of electric motors including installation, wiring methods, conductors, protection, and control and is supplementary to, or amendatory of, the general requirements of this Code.

**28-002 Location.** Motors shall be installed only in locations where ordinary conditions exist unless they are of types specifically approved for the location.

#### **28-004 Ventilation**

(1) Adequate ventilation shall be provided so as to prevent the development around motors of ambient air temperatures exceeding 40C for integral horsepower motors and 30C for fractional horsepower motors, or the motors shall be specifically marked as suitable for use in the particular higher ambient temperatures in which they will operate.

(2) In locations where dust or flying material will collect in or on motors in such quantities as to interfere with the ventilating or cooling of motors, and thereby causing dangerous temperatures, suitable types of enclosed motors which will not heat under prevailing conditions, shall be used.

**28-006 Guarding.** Exposed live parts of motors and controllers operating at 50 volts or more between terminals shall be guarded against accidental contact by enclosure or by location, except that stationary motors having commutators, collectors and brush rigging located inside of motor end brackets and not conductively connected to supply circuits operating at more than 150 volts to ground, may have live parts exposed.

**28-008 Methods of Guarding.** The following are considered to be acceptable methods of guarding motors by:



- (a) Installation in a room or enclosure which is accessible only to qualified persons;
- (b) Installation on a suitable balcony, gallery, or platform, elevated and arranged so as to exclude other than qualified persons;
- (c) Elevation 8 feet or more above the floor;
- (d) Guard rail if the motor operates at 750 volts, or less.

### Wiring Methods

**28-010 Stationary Motors.** The wiring method for stationary motors shall be in accordance with the applicable requirements of Section 12 and Section 36.

**28-012 Portable Motors.** Connections to portable motors may be made with flexible cord which shall have a serviceability not less than that of Type S cord unless the motor forms part of an approved, motor-operated device.

### 28-014 Motor Supply Conductor Insulation Temperature Rating and Ampacity

(1) Supply conductors to a motor connection box shall have insulation suitable for the temperature rating shown in Table 37, unless the motor is marked otherwise, and their ampacity shall be based on a 60C insulation rating.

(2) Where Table 37 requires insulation temperature ratings in excess of 60C, the motor supply conductors shall not be less than 4 feet long, and shall terminate in a location not less than 2 feet from any part of the motor, except that for motors rated 100 horse-power or larger the termination shall be not less than 4 feet from any part of the motor.

(3) For ambients higher than 30C (86F) the supply conductor insulation rating shall be increased at least by the difference between the ambient and 30C.

### 28-016 Conductors, Individual Motors

(1) The conductors of a branch circuit supplying an individual motor (other than a motor used for short-time, intermittent, periodic, or varying duty) shall have an ampacity at least that specified in Table 26 for the full-load current rating of the motor.

(2) For a motor having a full-load current rating larger than those included in Table 26, the branch circuit conductors shall have an ampacity at least equal to 125 per cent of the full-load current rating of the motor.

(3) For a motor used on short-time, intermittent, periodic, or varying duty, the branch circuit conductors shall have an ampacity at least equal to the full load current rating of the motor multiplied by the percentage given in Table 27 for the duty involved, except that a lower percentage may be used for varying duty by special permission.

(4) Sub-circuit conductors, supplying individual motors from a single set of branch circuit overcurrent devices protecting two or more motors, may be selected in accordance with Subrule (1) provided that the sub-circuit conductors are not over 25 feet long and have an ampacity at least  $\frac{1}{3}$  that of the branch circuit conductors from which they are supplied.

(5) Sub-circuit conductors having a length of more than 25 feet, and supplying individual motors from a single set of branch circuit overcurrent devices protecting two or more motors, shall have an ampacity at least equal to that specified for the branch circuit conductors from which they are supplied.

### 28-018 Conductors, Two or More Motors

(1) Conductors supplying a group of two or more motors (other than motors used for short-time, intermittent, periodic, or varying duty) shall have an ampacity at least equal to the sum of the full-load current ratings of all motors in the group, plus 25 per cent of the largest of such full-load current ratings.

(2) Where one or more of the motors of the group are used for short-time, intermittent, periodic or varying duty, the ampacity of the conductors feeding the group shall be determined as follows:

The full-load current ratings of the non-continuous-duty motors shall each be multiplied by the applicable percentage of Table 27, and the full-load current rating of the largest continuous duty motor shall be multiplied by 125 per cent; the largest current so calculated for any motor of the group shall be added to the full-load current ratings of all the other motors, each multiplied by 100 per cent or by the applicable percentage of Table 27 whichever is smaller; the ampacity of the conductors feeding the group shall be at least equal to the resulting sum, except as permitted by Subrules (3) and (4).

(3) Where the circuitry is so interlocked as to prevent all motors of the group from running at the same time, the size of the conductors feeding the group shall be determined for the largest motor or sub-group of motors which may be operated at any one time.

(4) Where, in the opinion of the inspection department, the character of the motor loadings justifies it, special permission may be granted for the application of a demand factor less than 100 per cent which will allow the use of conductors having an ampacity less than that specified in Subrules (1) and (2) above, provided that:

- (a) The conductors shall have sufficient ampacity for the maximum demand load; and
- (b) The rating or setting of the overcurrent devices protecting them shall be in accordance with Subrule 28-026(4).

### 28-020 Feeder Conductors

(1) Where a feeder supplies both motor loads and other loads, the ampacity of the conductors shall be calculated in accordance with Rules 28-016 and 28-018 plus the requirements of the other loads.

(2) The size of a tap from a feeder to a single set of overcurrent devices protecting a motor branch circuit shall be not less than the size of the feeder except that if the conductors of the tap are not over 25 feet long and have an ampacity at least  $\frac{1}{3}$  that of the feeder, the size of the tap may be calculated in accordance with Rules 28-016 and 28-018.

**28-022 Secondary Conductors**

(1) Conductors connecting the secondaries of wound rotor motors to their controllers shall have an ampacity at least:

- (a) 125 per cent of the full load secondary current of the motor if for continuous duty; or
- (b) The percentage of the full load specified in Table 27 if for other than continuous duty.

(2) Ampacities of conductors connecting secondary resistors to their controller shall be at least that determined by applying the percentage in Table 28 to the maximum current which the devices are required to carry.

**Protection, Overcurrent****28-024 Branch Circuit Overcurrent Protection.**

Each ungrounded conductor of a motor branch circuit shall be protected by an overcurrent device conforming to the following:

- (a) For a branch circuit supplying a single motor except as provided in paragraph (b), the rating or setting of the overcurrent devices shall not exceed the maximum value specified in:
  - (i) Table 26 for the full-load current rating of the motor; or
  - (ii) Table 29 for motors having full-load current ratings larger than those included in Table 26 and for motor circuits protected by instantaneous circuit breakers;
- (b) If the overcurrent protection specified in Tables 26 or 29 will not permit the motor to start, the rating or setting may be increased to either a value not exceeding 400 per cent of the full-load current rating of the motor or as permitted by Rule 28-034;
- (c) For a branch circuit supplying two or more motors, the rating or setting of the overcurrent devices shall not exceed the maximum value permitted by Rule 28-028.

**28-026 Feeder Overcurrent Protection**

(1) For a feeder supplying motor branch circuits only, the rating or setting of the feeder overcurrent devices shall not exceed a maximum value calculated by determining the size of the overcurrent devices permitted for the largest motor supplied by the feeder, and adding thereto the sum of the full-load current ratings of all the other motors which may be in operation at the same time.

(2) Where a feeder supplies a group of motors, two or more of which are required to start simultaneously, and the feeder overcurrent devices as calculated in accordance with Subrule (1) are not sufficient to allow the motors to start, the rating or setting of the feeder overcurrent devices may be increased as necessary, to a maximum value not to exceed that which is permitted by Tables 26 or 29 for a single motor having a full-load current rating equal to the sum of the full-load current ratings of the greatest number of motors which must start simultaneously, provided this value does not exceed 300 per cent of the ampacity of the feeder conductors.

(3) Where a feeder supplies one or more motor branch circuits together with other loads, the overcurrent protection required for the motor loads may be calculated in accordance with these Rules and added to the requirements for the other loads supplied by the feeder.

(4) Where a demand factor has been applied as permitted in Rule 28-018(4), the rating or setting of the overcurrent devices protecting a feeder shall not exceed the ampacity of the feeder, except as permitted by Rule 14-058 and Table 13.

**28-028 Grouping of Motors on a Single Branch Circuit.** Two or more motors may be grouped under the protection of a single set of branch circuit overcurrent devices having a rating or setting calculated in accordance with Rule 28-026 (1), provided that the fire hazard is reduced by conforming to any one of the following:

- (a) The rating or setting of the overcurrent devices does not exceed 15 amperes;
- (b) All the controls of the motors to be grouped are specifically approved for group fusing, and the rating of the branch circuit fuses does not exceed the maximum value permitted for the lowest rated overload device involved;
- (c) The motors are used on a machine tool or a woodworking machine, and:
  - (i) The control equipment is arranged so that all contacts which open motor primary circuits are in enclosures, either forming part of the machine base or for separate mounting, having a wall thickness not less than 0.0667 inch (14 MSG) for steel,  $\frac{3}{32}$  inch for malleable cast iron, or  $\frac{1}{4}$  inch for other cast metal, having hinged doors with substantial catches, and having no openings to the floor or the foundation on which the machine rests; and
  - (ii) The rating or setting of the overcurrent devices does not exceed 200 amperes at 250 volts or less, or 100 amperes at voltages from 251 to 750;
- (d) All the motors are operated by a single controller approved for the purpose, as provided for in Rule 28-052(1)(d); or
- (e) Special permission is granted for the grouping of motors which form part of the co-ordinated drive of a single machine or process, wherein the failure of one motor to operate creates a hazard unless all the other motors in the group are stopped.

**28-030 Overcurrent Protection for Large Motors.**

Where motors have a full-load current rating larger than those given in Table 26, the rating or setting of the overcurrent devices shall be calculated in accordance with Table 29.

**28-032 Size of Fuse Holders.** Where fuses are used for motor branch circuit or feeder protection, the fuse holder shall not be of a smaller size than required to accommodate the fuse of the maximum rating permitted by Rules 28-024 and 28-026, except that where fuses having time delay appropriate for the starting characteristics of the motors are used, fuse holders of smaller size may be used. But, in no



case shall they be smaller than is required to accommodate a fuse having a rating calculated by taking 150 per cent of the full-load current of the largest motor and adding thereto the sum of the full-load current ratings of all the other motors connected to the circuit which may be in operation at the same time.

**28-034 Instantaneous Circuit Breakers.** Where instantaneous circuit breakers which are strongly affected by the initial peak inrush to the motor are used, a setting higher than 700 per cent may be allowed if the circuit breaker forms part of an approved combination motor starter.

### Protection Against Overload and Overheating

**28-036 Overload Protection Required.** The branch circuit conductors and control equipment of each motor shall have overload protection except in the case of:

- (a) A manually started motor rated at 1 horsepower or less, which is continuously attended while in operation and which is on a branch circuit having overcurrent protection rated or set at not more than 15 amperes or on an individual branch circuit having overcurrent protection as specified in Table 26, if it may be readily determined from the starting location that the motor is running;
- (b) A motor constructed so that it cannot be overloaded; or
- (c) A motor whose operating requirements are such that it is impracticable to obtain proper overload protection.

**28-038 Overheating Protection Required.** Each motor shall be provided with overheating protection except:

- (a) Where the motor circuit requires no overload protection under Rule 28-036; or
- (b) Where overload protective devices required by Rule 28-036 adequately protect the motor against overheating due to excess current and the motor is in a location where:
  - (i) ambient temperatures are not more than 10C higher than those at the location of the overload devices; and
  - (ii) dust or other conditions will not interfere with the normal dissipation of heat from the motor.

### 28-040 Types of Overload and Overheating Protection

(1) Overload devices shall comply with one of the following requirements:

- (a) A separate overload device which is responsive to motor current, rated or set at values not greater than those specified in Table 26, and which may combine the functions of overload and overcurrent protection if it is capable of properly protecting the circuit and motor both under overload and short-circuit conditions;

- (b) A protective device, integral with the motor, responsive to motor current or to both motor current and temperature, provided such device will protect the circuit conductors and control equipment as well as the motor.

(2) Overheating protective devices, where required by Rule 28-038 shall comply with one of the following requirements:

- (a) A protective device of the type described in Subrule (1) (b) of this rule; or
- (b) A protective device integral with the motor responsive to motor temperature only and arranged to cut off power to the motor or by special permission to actuate a warning signal when the temperature exceeds the safe limit for the motor.

(3) Motors with inherent overheating protection acceptable under Subrule (2) shall be marked "Thermally Protected" or "Impedance Protected", and shall be approved, with the protectors, as an assembly.

**28-042 Automatically Started Motors.** An automatically started motor having a rating of 1 horsepower or less shall have overload and overheating protection as required by Rules 28-036, 28-038 and 28-040, unless it is part of an approved assembly equipped with other safety controls which protect the motor from damage due to stalled-rotor current and on which a nameplate, so located as to be visible after installation, indicates that such protective features are provided.

### 28-044 Number and Location of Overload Protective Devices

(1) The number and location of current responsive overload devices shall, unless otherwise required by the inspection department, be as follows:

- (a) If fuses are used, one in each ungrounded conductor;
- (b) If devices other than fuses are used, the number and location of tripping elements shall be as specified in Table 25.

(2) Where current responsive devices are used for the overload protection of three phase motors, such devices shall comprise three current responsive elements which may be:

- (i) Connected directly in the motor circuit conductors as required by Subrule (1); or
- (ii) Fed by two or three current transformers and so connected that all three phases will be protected.

**28-046 Shunting of Overload Protection During Starting.** Overload protection may be shunted or cut out of the circuit during the starting period provided that the device by which the protection is shunted or cut out cannot be left in the starting position and provided that the overcurrent device is in the motor circuit during the starting period.



### Protection, Undervoltage

#### 28-048 Undervoltage Protection Required.

Motors shall be disconnected from the source of supply in case of low voltage by one of the following means unless it is evident that no hazard will be incurred through the lack of such disconnection:

- (a) When automatic re-starting is liable to create a hazard, the motor control device shall provide low-voltage protection;
- (b) When it is necessary or desirable that a motor stop on failure or reduction of voltage and automatically re-start on return of voltage, the motor control device shall provide low-voltage release.

### Control

#### 28-052 Control Required

(1) Each motor shall be provided with approved equipment for starting and stopping it, having a rating in horsepower not less than the motor rating, except as follows:

- (a) For a single-phase portable motor of  $\frac{1}{3}$  horsepower or less, 125 volts or less, a plug and receptacle rated at not more than 15 amperes 125 volts and not rated in horsepower may be used;
- (b) For a motor controlled by a manually operated general-purpose alternating-current switch complying with Rule 14-068, the switch need not be marked in horsepower but its ampere rating shall be at least 125 per cent of the rated load current of the motor;
- (c) For a 2 wire portable ac or dc motor of not more than  $\frac{1}{3}$  horsepower at not more than 125 volts, a single-pole motor circuit switch rated in horsepower not less than the motor rating may be used;
- (d) For two or more motors which are required to operate together, a single controller approved for such service may be used;
- (e) For a motor where the controller is specifically approved for use with that motor, it need not be rated in horsepower.

(2) Where additional or supplementary control equipment is provided, such equipment, if required to start or stop the motor, shall conform to the applicable paragraphs of Subrule (1).

(3) The motor controller need not open the circuit in all conductors to the motor unless it serves also as the disconnecting means.

(4) Except as permitted by subrule (1), a motor circuit switch or general-use switch shall not be used as a motor starter.

#### 28-054 Starters having Different Starting and Running Positions

(1) Manual motor starters having different starting and running positions shall be constructed so that they cannot remain in the starting position.

(2) Magnetic starters having different starting and running positions shall be constructed so that they cannot remain in the starting position under normal operating conditions.

#### 28-056 Location of Control

(1) Where a motor is controlled manually, either directly or by a remotely controlled motor starter, the motor starter, or the means for operating it, shall be so located, wherever practicable, that the operator can assure himself that the motor may be safely started, unless the motor and the machinery driven thereby are so enclosed or guarded as to prevent accidents due to the contact of persons with moving or live parts.

(2) Where compliance with Subrule (1) is not practical because of the size, type, or location of the machinery or its parts, devices shall be provided at each point where the danger of accidents exists, whereby the machine may be stopped in an emergency.

### Disconnecting Means

#### 28-058 Disconnecting Means Required

(1) A separate disconnecting means shall be provided for:

- (a) Each motor except as permitted by Subrule (3);
- (b) Each motor starter or controller except as permitted by Rule 28-060(3);
- (c) Each motor branch circuit as required by Rule 14-000 (b).

(2) Subject to Rules 28-060 and 28-062, the same disconnecting means may be used to satisfy any or all of the requirements of Subrule (1).

(3) Subject to Rule 28-060 a single disconnecting means may serve two or more motors and their associated starting and control equipment grouped on a single branch circuit.

#### 28-060 Location of Disconnecting Means

(1) The disconnecting means for each motor shall be located within sight of and within 30 feet of the motor and the machinery driven thereby.

(2) The disconnecting means for each motor starter or controller, if required, shall be located within sight of and within 30 feet of the motor starter or controller.

(3) By special permission, where a trained and qualified maintenance staff is constantly available, a device capable of locking open the branch circuit disconnecting means may be used in lieu of the disconnecting means required by Rule 28-058(1) (a) and (b).

#### 28-062 Types of Disconnecting Means

(1) The disconnecting means shall comply with Rule 14-000(b) and shall be a motor circuit switch, a circuit breaker, or an approved equivalent device capable of safely establishing and interrupting the locked rotor current of the motor, except that:

- (a) An isolating switch or a general use switch used as an isolating switch may serve as the disconnecting means for a motor or motor starter rated at more than 50 horsepower;
- (b) A manually operated across-the-line type of motor starter may serve as both starter and disconnecting means for the motor;
- (c) An attachment plug may be used as the disconnecting means for a portable motor and its starting and control equipment;
- (d) Where a high voltage motor starter or controller is of the draw-out type, this feature may serve as the disconnecting means for the motor starter or controller only;
- (e) A single plug fuse may be used as the disconnecting means for a branch circuit having one grounded conductor and feeding a two-wire single-phase or dc motor rated at not more than  $\frac{1}{3}$  horsepower.

(2) Disconnecting means shall not be of a type which is electrically operated either automatically or by remote manual control.

**28-064 Accessibility of Disconnecting Means.** Disconnecting means shall be readily accessible or have the means for operating them readily accessible.

- (a) A motor circuit switch for a single motor shall have a horsepower rating not less than that of the motor it serves;
- (b) A circuit breaker or isolating switch for a single motor shall have a current rating not less than 115 per cent of the full-load current rating of the motor it serves;
- (c) A fused motor circuit switch serving a group of motors under the protection of a single set of fuses need not have a rating greater than that required to accommodate the proper size of fuse;
- (d) An unfused motor circuit switch serving a group of motors under the protection of a single set of fuses need not have a rating greater than that required if a fused switch were used;
- (e) A disconnecting means serving a group of motors on a single circuit, shall have:
  - (i) A horsepower rating not less than that of the largest motor in the group, if a motor circuit switch is used; and
  - (ii) A current rating not less than 115 per cent of the full-load current rating of the largest motor in the group plus the sum of the full-load current ratings of all the other motors in the group which may be in operation at the same time.

**28-068 Disconnecting Means on Portable Machinery.** Motor driven machinery of a movable or portable type for industrial use shall have a motor circuit switch or circuit breaker mounted on the machine and accessible to the operator.

## Sealed (Hermetic Type) Motor Compressors

**28-070 Rules for Sealed (Hermetic Type) Motor Compressors.** Rules 28-072 to 28-076 apply to sealed (hermetic type) motor compressors, hereinafter referred to, for brevity, as motor-compressors, and are supplementary to or amendatory of the general rules of this Section.

**28-072 Marking.** Motor-compressors, or equipment comprising such, shall be marked as required by Rule 2-100; specifically the marking shall show the full-load current rating and the locked rotor current rating.

**28-074 Horsepower Rated Equipment.** Horsepower rated equipment used for the control of motor-compressors and not having a marked locked rotor current rating shall be given an equivalent locked rotor current rating equal to six times the full-load current rating; where the full-load current rating is not marked, an equivalent full-load current rating shall be determined from the horsepower rating by referring to Tables 44, or 45 as applicable.

## 28-076 Overcurrent Protection

(1) Except as permitted in Subrule (2) each ungrounded conductor of a branch circuit feeding a motor-compressor shall be protected by an overcurrent device rated or set at not more than 50 per cent of the locked rotor current of the motor-compressor, unless such a device will not permit the motor-compressor to start, in which case the rating or setting may be increased to a value not exceeding 65 per cent of the locked rotor current of the motor-compressor.

(2) Subrule (1) shall not be deemed to require use of overcurrent devices rated or set at less than 15 amperes.

## 28-078 Control Equipment

(1) Control equipment used for the control of motor-compressors shall have:

- (a) Either a marked or an equivalent locked rotor current rating not less than that of the motor-compressor which it controls; and
- (b) Either a marked or an equivalent full-load current rating not less than that of the motor-compressor which it controls.

(2) In all other respects, control equipment for motor-compressors shall be in accordance with Rules 28-052 to 28-054 inclusive.

## 28-080 Disconnecting Means

(1) The disconnecting means serving a motor-compressor shall have:

- (a) A continuous duty current rating no less than 115 per cent of the full-load current rating of the motor-compressor; and
- (b) An interrupting capacity, or an equivalent locked rotor current rating, as determined in accordance with Rule 28-066, not less than the locked rotor current rating of the motor-compressor.



(2) Where one disconnecting means serves one or more motor-compressor together with other loads, the disconnecting means shall have:

- (a) A continuous duty current rating not less than 115 per cent of the full-load current of the motor or motor-compressor having the largest full-load current rating plus the sum of the full-load currents of all other loads which may be in operation at the same time; and
- (b) An interrupting capacity or equivalent locked rotor current rating as determined in accordance with Rule 28-066 not less than the locked rotor current rating of the motor or motor-compressor having the largest marked or equivalent locked rotor current rating (the equivalent locked current rating being considered to be six times the full-load current rating of the motor or the motor to which it applies), plus the sum of the full-load current rating of all other loads which may be in operation at the same time.

### Multi-Winding Motors

**28-082 Rules for Multi-Winding Motors.** Rules 28-084 to 28-086 apply to the installation of motors having multiple or tapped windings, intended to be connected or reconnected in two or more configurations for the purpose of providing one of the following:

- (a) Operation at two or more different speeds;
- (b) Operation at two or more different voltages;
- (c) Part-winding starting.

**28-084 Marking.** Each multi-winding motor shall be marked to indicate the approved winding configurations and the corresponding voltage, full-load current speed, and horsepower (or locked-rotor current) ratings for each, except that in the case of motors approved for part-winding starting having two equal windings, each winding shall be rated at one half the full-load current rating of the motor, but no marking is required to indicate this fact.

**28-086 Permanent Connection.** Where a multi-winding motor is used with windings permanently connected in one approved configuration, it shall be treated as a single-winding motor with ratings corresponding to the winding configuration used.

### 28-088 Conductor Sizes

(1) The circuit conductors on the supply side of the controller for a multi-winding motor shall be of the size specified by Rule 28-016 for the largest full-load current rating of any winding configuration provided by the controller as connected.

(2) Each conductor run from the controller to the motor shall be of the size specified by Rule 28-016 for the largest full-load current of any winding configuration which it must supply.

### 28-090 Overcurrent Protection

(1) Each ungrounded conductor on the supply side of the controller shall be protected by an overcurrent device rated or set in accordance with

Rule 28-024 for the largest full-load current rating of any winding configuration provided by the controller as connected.

(2) Each ungrounded conductor run from the controller to the motor shall be protected by an overcurrent device rated or set in accordance with Rule 28-024 for the largest full-load current, of any winding configuration served by the conductor so protected, unless the overcurrent devices required by Subrule (1) adequately protects it.

### 28-092 Overload Protection

(1) Each winding or configuration shall be provided with overload protection in accordance with Rules 28-036 to 28-046 inclusive, rated or set at not more than 125 per cent of the full-load current rating of the winding or configuration so protected, or at not more than the values given in Table 26 for a motor of equal rating.

(2) For a part-winding start motor separate overload devices need not be supplied for each winding, provided that overload devices are located in the circuit feeding that winding which is used for starting and are arranged to de-energize both windings when an overload occurs.

**28-094 Controls.** Each multi-winding motor shall be provided with starting and control equipment in accordance with Rules 28-052 to 28-054, except that:

- (a) The controller shall be specifically approved for use with the motor which it controls; or
- (b) Where separate control equipment is provided for each winding or configuration the individual controllers shall be rated in horsepower (or locked rotor current) not less than the rating of the winding or configuration controlled by each, and interlocks shall be provided where necessary to prevent simultaneous operation of controllers not intended to be so operated;
- (c) The starting and control equipment for each primary winding of a part-winding start motor shall have a horsepower (or locked rotor current) rating not less than that of the motor, unless specifically approved for use with that motor.

**28-096 Disconnecting Means.** Each multi-winding motor and its control equipment shall be provided with disconnecting means in accordance with Rules 28-058 to 28-068 except that, for the purposes of Rule 28-066 the horsepower (or locked rotor current) rating of the motor shall be that for the winding or configuration having the largest horsepower (or locked rotor current) rating and, the full-load current rating of the motor shall be that for the winding or configuration having the largest full-load current rating.

## SECTION 30 — INSTALLATION OF LIGHTING EQUIPMENT

**30-000 Scope.** This section is supplementary to, or amendatory of, the general requirements of this Code and applies to installations as follows:

- (a) Interior lighting equipment—Rules 30-100 to 30-882; and



- (b) Outdoor lighting equipment—Rules 30-900 to 30-1128.

## INTERIOR LIGHTING EQUIPMENT

### General

**30-100 General.** Rules 30-100 to 30-822 apply to:

- (a) The installation of interior lighting fixtures, lampholders, pendants, rosettes, incandescent filament lamps, electric discharge lamps; and
- (b) The wiring and electrical equipment used in conjunction therewith.

### 30-102 Voltage

(1) Circuit voltages shall not exceed 150 volts to ground, except that in industrial and commercial establishments where a trained maintenance staff is available, the voltage may exceed 150 volts to ground but shall not exceed 600 volts to ground for lighting branch circuits supplying fixtures that are equipped with:

- (a) Mogul-base screw-shell lampholders only; or
- (b) Lampholders of other types approved for the application which are located at least 8 feet above floor level and which do not have switch control as an integral part of the fixture.

(2) The voltage between conductors used for incandescent lighting shall not exceed 150 volts in dwelling occupancies.

### Location of Lighting Equipment

#### 30-200 Near or Over Combustible Material

(1) Lighting fixtures installed where combustible material is liable to be stored shall be equipped with shades or guards so as to limit the temperature to which the combustible material may be subjected to a maximum of 90C (194F).

(2) Fixtures and lampholders installed under the conditions of Subrule (1) shall be of the unswitched type.

(3) Where lighting fixtures or lampholders are installed over readily combustible material, every fixture and lampholder shall be controlled by an individual wall switch, but a wall switch may control more than one fixture or lampholder if every fixture and lampholder is located at least 8 feet above floor level, or located or guarded so that the lamps cannot be readily removed or damaged.

**30-202 Near Flammable Material.** Switches and lampholders installed under the conditions of Rule 30-200 (1) shall have no exposed wiring.

#### 30-204 In Show Windows

(1) No lighting fixture having exposed wiring other than a fixture of a chain suspension type shall be used in a show window.

(2) No lampholder having a paper or fibre lining shall be used in a show window.

(3) Exposed flexible cord or fixture wire shall not be used to supply permanently installed lighting fixtures in show cases or wall cases.

#### 30-206 In Clothes Closets

(1) Every lighting fixture installed in a clothes closet shall be located on the ceiling or on the front wall above the door of the closet, unless mounted on the trim or sidewall of the doorway and approved for the application.

(2) Electric fixtures of the pendent type shall not be installed in a clothes closet.

### Installation of Lighting Equipment

#### 30-300 Live Parts

(1) Lighting fixtures, lampholders, and rosettes shall be installed so that no live part is exposed to contact while they are in use.

(2) Where lampholders and switches have exposed accessible terminals, they shall not be installed in metal fixture-canopies or in open bases of portable lamps.

#### 30-302 Supports

(1) Every lighting fixture, lampholder and rosette shall be securely supported.

(2) Where a lighting fixture weighs more than 6 pounds or exceeds 16 inches in any dimension, it shall not be supported by the screw shell of the lampholder.

(3) Where a lighting fixture weighs more than 25 pounds, it shall not be supported directly by an outlet box which is mounted on a bar hanger.

(4) Where a lighting fixture weighs more than 50 pounds, it shall be supported independently of the outlet box.

**30-304 Conduit Attachments.** Where a lighting fixture is attached to a conduit system or other grounded support it shall be connected thereto both mechanically and electrically.

#### 30-306 Outlet Boxes to be Covered

(1) Every outlet box used with lighting equipment shall be provided with a cover or covered by a fixture-canopy, lampholder, rosette, or other device.

(2) Where any part of a combustible wall or ceiling is exposed between the edge of a fixture-canopy or pan and an outlet box, the part of the wall or ceiling shall be covered with non-combustible material.

#### 30-308 Wiring Space

(1) Every fixture canopy and outlet box shall be installed so as to provide adequate space for conductors and connections.

(2) Every lighting fixture shall be so constructed and installed that conductors in the fixture and outlet box are not subjected to temperatures greater than those for which the conductors are approved.

#### 30-310 Recessed Fixtures

(1) The recessed portion of every recessed lighting fixture enclosure shall be at least  $\frac{1}{2}$  inch from combustible material at every point other than at a point of support.

(2) Every recessed lighting fixture shall be so installed that adjacent combustible material is not subjected to temperatures in excess of 90C (194F).

(3) Where a lighting fixture is recessed in fire-resisting material in a building of fire-resisting construction, the fire-resisting material may be subjected to temperatures of not more than 150C (302F), but the fixture shall be plainly marked as approved for the service.

### 30-312 Circuit Connections

(1) Every lighting fixture shall be installed so that the connections between the fixture conductors and the branch circuit conductors may be inspected without disconnecting any part of the wiring unless the connection employs a plug and receptacle.

(2) Lighting fixtures weighing more than 10 pounds shall be installed so that the branch circuit wiring connections and the grounding connections will be accessible for inspection without removing the fixture supports.

(3) Branch circuit conductors within 3 inches of a ballast within the ballast compartment shall have a maximum allowable conductor temperature of not less than 90C (194F).

### 30-314 Fixture as a Raceway

(1) Lighting fixtures shall not be used as a raceway for circuit conductors unless the fixtures meet the requirements for approved raceways, except that the conductors of a two-wire, a three-wire, or a four-wire branch circuit supplying the fixtures may be carried through:

- (a) An installation of fixtures approved for end-to-end assembly to form a continuous raceway; or
- (b) Fixtures which are connected together by approved wiring methods.

(2) Ballasts located within lighting fixtures referred to in Subrule (1) shall be deemed to be sources of heat and the conductors supplying the fixtures shall:

- (a) Have a voltage rating not less than 600 volts;
- (b) Have a temperature rating not less than 90C (194F);
- (c) Be not smaller than No. 14 AWG; and
- (d) Be of a type listed in:
  - (i) Table 19, as being suitable for use in raceways; or
  - (ii) Table 11, as being suitable for use in accordance with this Rule, provided the conductors do not extend beyond the fixtures through raceways more than 6 feet long.

**30-316 Polarization of Fixtures.** Every lighting fixture shall be wired so that all screw-shells of its lampholders are connected to the same fixture or circuit conductor or terminal which shall be identified.

**30-318 Combustible Shades and Enclosures.** Every lighting fixture having a combustible shade or enclosure shall be installed so as to provide an adequate air space between the lamps and the combustible shade or enclosure.

### 30-320 Minimum Height of Low Fixtures

(1) Where a rigid lighting fixture or lampholder is located at a height of less than 7 feet above the floor and is readily accessible, the fixture or lampholder shall be protected from mechanical injury by a guard, or by location.

(2) A short flexible drop light or fixture may be used in place of the rigid fixture in Subrule (1).

**30-322 Lighting Fixtures Exposed to Flying Objects.** Where lighting fixtures are installed in gymnasiums or similar locations where the lamps are normally exposed to damage from flying objects, the lamps shall be guarded by one of the following means:

- (a) Metal reflectors which effectively protect the lamps;
- (b) Metal screens; or
- (c) Enclosures of armoured glass or suitable plastic material.

**30-324 Canopy Switches.** Canopy switches shall only be attached to lighting fixtures and fixture canopies having knockouts suitably constructed and located for the accommodation of such switches, or they may be located in the chain.

### 30-326 Lighting Equipment in Damp Locations or Near Grounded Metal

(1) Where lampholders or fixtures are installed in damp locations or within 8 feet vertically or 5 feet horizontally of laundry tubs, plumbing fixtures, steam pipes or other grounded metal work or grounded surfaces, the lampholders or fixtures shall be controlled by a wall switch, except as permitted in Subrule (2).

(2) A lampholder having an outer shell of insulating material, or a lighting fixture, installed under the conditions of Subrule (1), may have an integral switch if the operating means for the switch is suitably insulated from live parts and, if of the pullchain type, conforms to Rule 30-612.

(3) Switches (including wall switches) for controlling lampholders or fixtures covered by Subrules (1) and (2) shall not be located within reach of a person in a shower or bathtub.

**30-328 Basement Stair Lighting.** Lamps which light basement stairs shall be controlled by a switch located at a convenient point above the stairs.

### Wiring of Lighting Equipment

#### 30-400 Wiring of Fixtures

(1) All electrical wiring on or within a lighting fixture shall be:

- (a) Neatly arranged without excess wiring;
- (b) Not exposed to mechanical injury; and
- (c) Arranged so that it is not subjected to temperatures above those for which it is approved.



(2) No joint or tap shall be located within an arm or stem of a lighting fixture.

**30-402 Conductor Size.** No conductor for a lighting fixture shall be smaller than No. 18 AWG.

**30-404 Conductor Insulation.** Every lighting fixture shall be wired with conductors having insulation suitable for the voltage and temperatures to which the conductors may be subjected.

#### **30-406 Conductors on Movable Parts**

(1) Stranded conductors shall be used on chain fixtures and other movable parts of lighting equipment.

(2) Conductors shall be arranged so that the weight of the lighting fixture or the movable parts does not place undue tension on the connections.

(3) All conductors which supply movable parts of lighting equipment shall be protected against mechanical injury.

#### **30-408 Pendent Conductors for Incandescent Filament Lamps**

(1) Where pendent lampholders having permanently attached leads are used with other than festoon wiring, they shall be hung from separate stranded rubber- or thermoplastic-insulated pendent conductors which are connected directly to the circuit conductors but supported independently thereof.

(2) Where thermoplastic-insulated pendent conductors are used in locations where they may be subjected to temperatures lower than 14F (minus 10C) they shall be of a type approved for the purpose.

(3) Where the pendent conductors supply heavy-duty or medium-base screwshell lampholders, they shall be not smaller than No. 14 AWG.

(4) Where the pendent conductors supply intermediate or candelabra-base lampholders other than approved Christmas-Tree and decorative lighting-outfits, the conductors shall be not smaller than No. 18 AWG.

(5) Where the pendent conductors are longer than 3 feet, they shall be twisted together.

#### **30-410 Wiring of Recessed Fixtures**

(1) Conductors having insulation suitable for the temperature encountered shall be used for wiring recessed fixtures.

(2) Recessed fixtures having terminal connections which operate at temperatures higher than 60C (140F) shall have circuit conductors according to one of the following:

- (a) Branch-circuit conductors having insulation suitable for the temperature encountered may be run directly to the fixture;
- (b) Tap connection conductors having insulation suitable for the temperature encountered shall:
  - (i) Extend at least 4 feet but not more than 6 feet from the fixture; and

(ii) Be run in a suitable metal raceway from the fixture terminal connection to an outlet box placed not less than 1 foot from the fixture.

(3) Pre-Wired recessed fixtures shall be accessible in accordance with Rule 12-3018 and if access is through an opening from below, the following requirements shall be met:

- (a) The electrical components of the fixture must be capable of extraction through the opening for service without dismantling above the ceiling line these components shall include the socket, the leads to the sockets, and the connections in the junction box; and
- (b) The cover of the junction box must be capable of removal by a hand tool held below the ceiling.

#### **30-412 Wiring of Ceiling Outlet Boxes**

(1) Branch circuit conductors used for the wiring of all ceiling outlet boxes on which a lighting fixture is, or may be mounted, shall have:

- (a) insulation suitable for 90°C (194°F);
- (b) insulation suitable for at least 60°C (140°F) for boxes:
  - (i) located in unheated concrete slabs;
  - (ii) remote from a fixture;
  - (iii) mounted in or on vertical walls; or
  - (iv) in barns or other damp locations;
- (c) insulation suitable for at least 75°C (167°F) for boxes located in cable heated concrete ceilings.

(2) For the purpose of compliance with this Rule, the ampacity of the conductors referred to in Subrule (1) shall be limited to the ampacity of 60°C wire.

#### **30-414 Wiring of Show Window Fixtures**

(1) Where show window lighting fixtures are closely spaced, they may be connected to asbestos-insulated conductors within the show window.

(2) The connection of show window lighting fixtures to the circuit conductors shall be in a junction box.

(3) The junction box shall be maintained at a sufficient distance from the lighting fixture to ensure that the circuit conductors are not subjected to temperatures in excess of their rating.

#### **Grounding of Lighting Equipment**

**30-500 Grounding.** Non-current-carrying metal parts of lighting fixtures and associated equipment shall be grounded in accordance with Section 10.

#### **Rosettes and Lampholders**

**30-600 Lampholders.** Lampholders of the screw-shell type shall be installed for use as lampholders only.



**30-602 Lampholder Rating with Incandescent Lamps**

(1) Every medium-base lampholder shall have a rating of 660 watts, 250 volts.

(2) Where medium-base lampholders are not of special heat-resisting construction, they shall not be used with incandescent lamps rated in excess of 300 watts.

(3) Where medium-base lampholders are used with incandescent lamps rated at 300 watts, the lamps shall be provided with a heat-deflecting disc or equivalent device.

(4) Mogul-base lampholders shall not be used with incandescent lamps rated at more than 1,500 watts.

**30-604 Connections to Lampholders.** The identified grounded supply conductor shall be connected to permanently connected lampholders at the screw-shell binding post, which shall be identified.

**30-606 Pin-Type Lampholders.** Lampholder having pin-type terminals shall be used only for temporary wiring.

**30-608 Conductor Mechanical Protection.** Where a metal lampholder is attached to a flexible cord, the inlet for the flexible cord shall be equipped with an insulating bushing but if the lampholder is provided with a side outlet, a metal grommet may be used.

**30-610 Switched Lampholders Used on Unidentified Circuits.** Where lampholders of the switched type are used on unidentified 2-wire circuits tapped from the ungrounded conductors of multi-wire circuits, the switching devices of the lampholders shall disconnect both conductors of the circuit simultaneously.

**30-612 Switched Lampholders With Pull-Type Mechanisms.** On switched type lampholders employing pull-type mechanisms, the operating means shall be:

- (a) Cords made of approved insulating materials;
- (b) Cords of approved insulating materials, or chains with links of approved insulating material, connected to metal chains as close as possible to where the chains emerge from the enclosure; or
- (c) Metal chains without insulating links provided that the lampholder is approved as not requiring insulating links.

**30-614 Lampholders in Wet and Damp Locations**

(1) Where lampholders are installed in wet or damp locations, they shall be of the weatherproof type.

(2) Where lampholders installed in wet or damp locations are of insulating material, they shall be capable of resisting mechanical shock.

**30-616 Approved Rosettes**

(1) Fusible rosettes shall not be used.

(2) Separable rosettes which make possible a change in polarity shall not be used.

**30-618 Rosettes in Wet or Damp Locations.** Where rosettes are installed in wet or damp locations, they shall be of the weatherproof type.

**30-620 Portable Handlamps**

(1) Where a lampholder of the portable handlamp type is supplied through a flexible cord, the lampholder shall be of moulded composition or other type approved for the purpose.

(2) Every portable handlamp shall be equipped with a handle of moulded composition or other approved material.

(3) Where portable handlamps are subject to mechanical damage or may come in contact with combustible material, they shall be equipped with a substantial guard attached to the lampholder or to the handle.

**Electric-Discharge Lighting Systems Operating at 1,000 Volts or Less**

**30-700 Rules for Discharge Lighting Systems, 1,000 Volts or Less.** Rules 30-702 to 30-714 apply to electrical equipment used with electric-discharge lighting systems operating at 1,000 volts or less.

**30-702 Oil-Filled Transformers.** Transformers of the oil-filled type shall not be used.

**30-704 Direct-Current Equipment.** Fixtures shall not be installed on a direct-current circuit unless they are equipped with auxiliary equipment and resistors designed for direct-current operation; and the fixtures are so marked.

**30-706 Voltages, Dwelling Occupancies.** Where equipment has an open-circuit voltage of more than 300 volts, it shall not be installed in dwelling occupancies unless the equipment is designed so that no live parts are exposed during the insertion or removal of lamps.

**30-708 Fixture Mounting**

(1) Where fixtures are to be installed on combustible low-density cellulose fibreboard, the fixtures shall have thermally protected ballasts.

(2) Combustible low-density cellulose fibreboard is considered to include sheets, panels, and tiles which have a density of 20 pounds per cubic foot or less, and which are formed of bonded plant fibre material, but does not include solid or laminated wood, nor fibreboard which has a density in excess of 20 pounds per cubic foot.

(3) An incandescent, totally-enclosed, gasketed fixture, unless marked as suitable for the purpose, shall not be mounted on a combustible ceiling.

**30-710 Auxiliary Equipment not Integral with Fixtures**

(1) Where the reactors, electrical capacitors, resistors, and other auxiliary equipment are not installed as part of the lighting fixture assembly, they shall be enclosed in an accessible permanently installed metal cabinet.

(2) Adequate provision shall be made for the dissipation of heat from enclosed auxiliary equipment and the conductors supplying the auxiliary equipment.

(3) The metal cabinet shall be installed as close as possible to the lamps.

(4) Where display cases are not permanently installed, no part of a secondary circuit shall be included in more than one case.

### 30-712 Control

(1) The fixtures and lamp installations shall be controlled by a switch or circuit breaker.

(2) Where a switch is used, it shall:

(a) Have a current rating of not less than twice the current rating of the lamps or transformers;

(b) Be of a type approved with the assembly;

(c) Be a manually-operated general-purpose alternating-current switch complying with Rule 14-068;

(d) Be a snap switch having an "F" rating complying with Rule 14-066; or

(e) Be a manually operated specific-use ac switch complying with Rule 14-070.

(3) Where a circuit breaker is used, it shall comply with the requirements of Rule 14-058.

### 30-714 Branch Circuit Capacity

(1) Where lighting branch circuits supply fixtures employing ballasts, transformers or auto-transformers, the load on the branch circuits shall be computed on the basis of the total amperes of the units and not on the watts of the lamps.

(2) The aggregate capacity of fixtures connected to a lighting branch circuit shall not exceed 80 per cent of the branch circuit overcurrent protection.

### Electric-Discharge Lighting Systems Operating at More Than 1,000 Volts

**30-800 Rules for Discharge Lighting Systems, More than 1,000 Volts.** Rules 30-802 to 30-822 apply to electrical equipment used with electric-discharge lighting system operating at more than 1,000 volts.

**30-802 Voltages, Dwelling Occupancies.** Where equipment has an open-circuit voltage of more than 1,000 volts, it shall not be installed in dwelling occupancies.

### 30-804 Control

(1) The fixtures and lamp installations shall be controlled singly or in groups by an externally operated switch or circuit breaker which opens all ungrounded primary conductors.

(2) The switch or circuit breaker shall be:

(a) Installed within sight of the fixtures or lamps; or

(b) Provided with a means for locking it in the open position.

(3) The switch shall:

(a) Have a current rating of not less than twice the current rating of the transformer or transformers controlled by it;

(b) Be of a type approved for the purpose;

(c) Be a manually-operated general-purpose alternating-current switch complying with Rule 14-068;

(d) Be a snap switch having an "F" rating complying with Rule 14-066; or

(e) Be a manually operated specific-use ac switch complying with Rule 14-070.

(4) The circuit breaker shall comply with the requirements of Rule 14-058.

### 30-806 Transformer Rating

(1) Every transformer and ballast shall have a secondary open-circuit voltage of not more than 15,000 volts, except that every transformer and ballast of the open-core-and-coil type shall have a secondary open-circuit voltage of not more than 7,500 volts.

(2) The secondary current rating shall be not more than 240 milliamperes, except that, where the secondary open-circuit voltage exceeds 7,500 volts, the secondary current rating shall not be more than 120 milliamperes.

**30-808 Liquid Filled Transformers.** Transformers of the liquid-filled type shall not be used unless they are filled with a liquid which will not burn in air.

### 30-810 Transformers, Secondary Connection

(1) The high-voltage windings of transformers operating at more than 1,000 volts shall not be connected in series or in parallel, but where each of two transformers has one end of its high-voltage winding grounded and connected to the enclosure, the high-voltage windings may be connected in series to form the equivalent of a mid-point grounded transformer.

(2) The grounded ends of the high-voltage winding shall be connected by an insulated conductor not smaller than No. 14 AWG.

### 30-812 Location of Transformers

(1) Transformers operating at more than 1,000 volts shall be accessible.

(2) The transformers shall be installed as near to the lamps as practicable.

(3) The transformers shall be located so that adjacent combustible materials are not subjected to temperatures in excess of 90C (194F).

### 30-814 Wiring Method

(1) The secondary conductors shall be luminous-tube-sign cable approved for the purpose and for the voltage of the circuit.

(2) Not more than 20 feet of cable shall be run in metal raceway from a single, or from either side of a mid-point grounded, transformer.

(3) The conductors shall be installed in conformity with Section 34.



**30-816 Transformer Loading.** Where the lamps are connected to a transformer, they shall be of such length and characteristics as not to cause a condition of continuous over-voltage on the transformer.

### 30-818 Lamp Supports

(1) Lamps operating at more than 1,000 volts shall be supported in the manner required by Section 34.

(2) The lamps shall not be installed where they are exposed to mechanical injury.

### 30-820 Lamp Terminals and Lampholders

(1) Parts which must be removed for lamp replacement shall be hinged or fastened by an approved means.

(2) Lamp terminals and lampholders shall be designed so that the tubing can be replaced with the minimum exposure of bare live parts during re-lamping.

(3) The designs referred to in Subrule (2) need not afford protection against "Space Discharge" shocks as tubes are replaced by trained maintenance staff.

**30-822 Marking.** Every fixture and every secondary circuit of tubing having an open-circuit voltage of more than 1,000 volts shall be clearly and legibly marked in letters and figures not less than one inch high with the words "CAUTION . . . VOLTS", the rated open-circuit voltage being inserted in figures, in the space between the words.

## OUTDOOR LIGHTING EQUIPMENT

### General

#### 30-900 General

(1) Rules 30-900 to 30-1128 apply to temporary or permanent outdoor lighting equipment, for either decorative lighting or illumination of outdoor areas, where protection of the system and safety from shock hazard is the main concern and the fire hazard is of secondary nature.

(2) Rules 30-900 to 30-1128 cover only that portion of the installation which is outside of buildings.

### Permanent Outdoor Floodlighting Installations

#### 30-1000 General

(1) Rules 30-1002 to 30-1040 apply to permanent, outdoor installations of floodlights of 300 watts or larger, using mogul-base lampholders, where the floodlights are mounted on poles or towers.

(2) These Rules are based on the understanding that authorized persons may replace lamps but all other maintenance will be done by qualified persons.

#### 30-1002 Service Equipment

(1) Service equipment shall comply with Section 6 for low-potential installations, and with Section 36 for high-potential installations.

(2) Where indoor equipment is installed outdoors, it shall be installed in an acceptable weatherproof enclosure.

### 30-1004 Wiring Methods, Underground

(1) Wiring underground shall be run:

- (a) Where acceptable, in rigid steel or rigid aluminum conduit;
- (b) In non-metallic underground conduit;
- (c) As lead-sheathed armoured cable, mineral-insulated cable, or aluminum-sheathed cable; or
- (d) As conductors or cable assemblies acceptable for direct earth burial as indicated in Table 19 or, by special permission, for service entrance below ground as indicated in Table 19.

(2) Conductors in conduit shall be of types indicated in Table 19 as being suitable for use in wet locations.

(3) Conductors buried directly in the earth shall be installed in accordance with Rule 12-012.

(4) Suitable corrosion-resistant protection shall be provided for aluminum-sheathed cable and aluminum conduit; and also for mineral-insulated cable, if used where materials coming in contact with the cable may have a deteriorating effect on the sheath.

### 30-1006 Wiring Methods, on Poles

(1) All electrical equipment on the pole shall be controlled by a switch which can be locked in the "Off" position, and each pole shall be provided with a prominent sign warning against climbing the pole until the switch is "Off" unless all conductors and live parts other than those used for pole top wiring are guarded against accidental contact in one of the following ways:

- (a) The conductors are run in rigid or flexible metal conduit, as mineral-insulated cable, or up the centre of steel, aluminum or hollow concrete poles;
- (b) The conductors and live parts are kept at least three feet from the climbing ladder or climbing steps;
- (c) Barriers are provided between conductors or live parts, or both, and the climbing ladder so as to prevent likelihood of contact by the climber.

(2) Conductors run up the centre of poles shall be supported so as to prevent injury to the conductors inside the pole and as to prevent undue strain on the conductors where they leave the pole.

(3) Where vertical conductors, cables and grounding conductors are within 8 feet of locations accessible to unauthorized persons, they shall be provided with a covering which gives acceptable mechanical protection.

(4) On wood poles, for grounding conductors from lighting arresters, the protective covering specified in Subrule (3) shall be of wood moulding or other insulating material giving equivalent protection.

### 30-1008 Pole Top Distribution Panelboards.

Where there is more than one branch circuit on a pole top, the feeders shall be run to a distribution panelboard which shall be either weatherproof or installed in a weatherproof enclosure, except that the panelboard may be omitted where there are only two branch circuits on a 115/230-volt circuit with common neutral and where there are only three branch circuits on a 120/208-volt, 3-phase, 4-wire circuit.

### 30-1010 Fusing of Pole Top Branch Circuits.

Pole top branch circuits shall be fused at not more than 100 amperes.



**30-1012 Pole Top Branch Circuit Wiring.** Pole top branch circuit wiring, exclusive of leads approved with the floodlights to which they are connected, shall be run;

- (a) As lead-sheathed cable or rubber- or thermo-plastic-insulated moisture-resistant types of conductors installed in rigid conduit;
- (b) As mineral-insulated cable or aluminum-sheathed cable; or
- (c) By special permission, as insulated or un-insulated exposed wiring provided that:
  - (i) The wiring is supported on suitable insulators;
  - (ii) The wiring is controlled by a switch which can be locked in the "Off" position; and
  - (iii) The pole is provided with a prominent sign warning against climbing it until the switch is "Off".

**30-1014 Joints**

(1) Open taps and joints may be made in pole top open wiring provided the joint or tap is given insulation equivalent to that on the conductors joined.

(2) There shall be no joints or splices concealed within conduit.

**30-1016 Location of Transformers.** Transformers shall comply with the following:

- (a) If mounted on floodlight poles, all live parts shall be guarded as required by Rule 32-1006;
- (b) If mounted on poles, the bottom of the transformer shall be at least 16 feet above locations accessible to unauthorized persons;
- (c) If located on platforms on the ground, they shall be completely enclosed so as to prevent access by unauthorized persons or they shall be surrounded by a protecting fence which shall comply with the requirements of Rules 26-176 to 26-202.

**30-1018 Primary Fusing of Transformers.** Each transformer shall be protected against overcurrent in accordance with Section 26.

**30-1020 Secondary Overcurrent Protection of Transformers.** Overcurrent protection on transformer secondary feeders is permissible but not mandatory.

**30-1022 Switching of Floodlights.** Switches controlling floodlights shall comply with the following:

- (a) A switch on the primary side of a transformer shall be capable of making and interrupting the full load on the transformer;
- (b) Switches controlling floodlights from the secondary side of a transformer shall have a current rating not less than 125 per cent of the current requirements of the floodlights controlled;
- (c) Switches shall be capable of being operated without exposing the operator to danger of contact with live parts, either by remote operation or by proper guarding;
- (d) Switches shall be capable of being locked in the "Off" position.

**30-1024 Grounding of Systems at 300 Volts or Less.** Systems operating at potentials of 300 volts or less between conductors shall be grounded.

**30-1026 Grounding of Systems Above 300 Volts.** Systems operating at potentials above 300 volts may be grounded at the discretion of the supply authority and in accordance with the requirements of the inspection department.

**30-1028 Material for Grounding Conductors.** Grounding conductors shall be of material as specified in Rules 10-802 and 10-804.

**30-1030 Grounding Methods**

(1) A grounded secondary system shall be grounded in accordance with Section 10.

(2) The secondary grounded circuit conductor may be grounded by an interconnection to the primary grounded circuit conductor provided:

- (a) The primary is grounded at the transformers; and
- (b) Interconnection is made only at the transformer.

**30-1032 Grounding and Bonding of Non-Current-Carrying Metal Parts**

(1) All non-current-carrying metal parts within 8 feet of locations accessible to unauthorized persons shall be grounded.

(2) Except for isolated metal parts such as cross-arm braces, bolts, insulator pins and the like, non-current-carrying metal parts of electrical equipment at the pole top shall be bonded together and, if within reach of any grounded metal, shall be grounded.

(3) The size of grounding or bonding conductor shall be as specified in Rule 10-812.

**30-1034 Installation of Lightning Arresters.**

Where lightning arresters are installed, they shall be in accordance with Rule 10-1000 and 10-1002 with the addition that a common grounding conductor and common electrode system may be used for grounding primary and secondary neutrals and lighting arresters.

**30-1036 Types of Equipment Permitted.** Floodlights, secondary wiring, conduit, conduit fittings, and distribution panelboards shall be approved, and other electrical pole top equipment shall be acceptable types.

**30-1038 Climbing Steps.** Where it is necessary to climb the pole to replace lamps, permanent climbing steps shall be provided and the lowest permanent step shall be not less than 12 feet above locations accessible to unauthorized persons.

**30-1040 Safety Platforms.** Where floodlights are mounted more than 30 inches from the centre-line of the pole, suitable safety platforms shall be provided and shall be equipped with a railing or equivalent device for the protection of persons replacing lamps.

### Exposed Wiring For Permanent Outdoor Lighting

**30-1100 General.** Rules 30-1102 to 30-1122 apply to exposed wiring for permanent outdoor lighting other than floodlighting where the circuits are run between buildings, between poles, or between buildings and poles.

**30-1102 Conductors.** Conductors shall be stranded, not less than No. 12 AWG, and shall be:

- (a) of a type suitable for exposed wiring where exposed to the weather as specified in Table 19.
- (b) of the rubber-insulated type suitable for exposed wiring where exposed to the weather as specified in Table 19, when lampholders of a type which puncture the insulation and make contact with the conductors are used; or
- (c) Of the moisture-resistant rubber-insulated type suitable for exposed wiring where exposed to the weather as specified in Table 19, if cabled together and used with messenger cables.

### 30-1104 Use of Insulators

(1) Conductors shall be securely attached to insulators at each end of the run if a messenger is not used and at intermediate points of support if there are any.

(2) Insulators at the ends of runs shall be of the strain type unless the conductors are supported by messenger cables.

(3) Split knobs shall not be used.

**30-1106 Height of Conductors.** Conductors supplying lamps in parking lots, used-car lots, drive-in establishments, and similar commercial areas shall be maintained such that the conductors or the bottom of a lamp fed from the conductors, whichever is lower, shall have a clearance of not less than 12 feet above grade at any point in a run, except that where a driveway or thoroughfare exists this clearance shall be not less than 16 feet.

**30-1108 Spacing from Combustible Material.** Conductors and lampholders shall be maintained at a distance not less than 3 feet from any combustible material except for branch circuit conductors at the point of connection to buildings or poles.

**30-1110 Spacing of Conductors.** Conductors shall be separated at least 12 inches from each other by means of insulating spacers at intervals of not more than 15 feet unless the conductors are secured to and supported by messenger cables.

### 30-1112 Lampholders

(1) Lampholders shall be of weatherproof types with moulded insulating bodies.

(2) Lampholders shall be of types having either:

- (a) Permanently attached leads; or
- (b) Terminals of a type which puncture the insulation and make contact with the conductors.

(3) Lampholders having permanently attached leads shall have the connections to the circuit wires staggered where a cabled assembly is used.

**30-1114 Protection of Lampholders.** Lampholders may be connected to branch circuits protected by overcurrent devices rated or set at not more than 30 amperes provided that the lampholders are:

- (a) For incandescent lamps;
- (b) Of the unswitched type; and
- (c) Rated not less than 660 watts.

### 30-1116 Use of Messenger Cables

(1) Messenger cables shall be used to support the conductors:

- (a) If lampholders having permanently attached leads are used, and the span exceeds 40 feet; and
- (b) In all cases where lampholders having terminals which puncture the insulation are used.

(2) Messenger cable shall be securely attached at each end of the run and shall be grounded in accordance with Section 10.

(3) Conductors shall be permanently attached to the messenger in a method acceptable to the inspection authority.

### 30-1118 Construction of Messenger Cables

(1) Messenger cables shall be of galvanized steel, copper-coated steel, or stainless steel and shall be of stranded construction with not less than seven strands.

(2) Galvanized steel shall have a coating of not less than 0.15 ounces per square foot.

(3) The effective ultimate strength of a messenger cable shall be not less than three times the calculated maximum working load, including loading due to ice loads and wind loads, and in no case shall the individual strands be less than:

- (a) 0.046 inch in diameter in the case of galvanized or copper-coated wire; or
- (b) 0.0438 inch in diameter in the case of stainless steel wire.

**30-1120 Maximum Size of Lamps.** The size of lamps used shall be not in excess of that for which the particular lampholder is approved and in no case more than 150 watts.

### 30-1122 Branch Circuit Loading and Protection

(1) Branch circuits shall be protected by overcurrent devices rated at not more than 30 amperes.

(2) The total load on a branch circuit shall not exceed 80 per cent of the rating or setting of the overcurrent devices.



### Temporary, Outdoor, Decorative Lighting Installations

**30-1124 General.** Rules 30-1126 and 30-1128 apply to temporary, outdoor, decorative lighting installations.

**30-1126 Lampholders.** Lampholders for use with temporary, outdoor, decorative lighting equipment which may be sold to the general public shall:

- (a) Comply with Rule 30-1112; and
- (b) If of the type having terminals which puncture the conductor insulation in order to make contact with the current-carrying conductors, be designed so that they cannot be removed once installed without rendering them incapable of being re-used.

**30-1128 Conductors.** Conductors shall be stranded, not less than No. 18 AWG and shall be of the outdoor Christmas-tree wire or cord types as covered in Table 11 or of the rubber-insulated cable types suitable for exposed wiring where exposed to the weather as covered in Table 19.

## SECTION 32—FIRE ALARM SYSTEMS

### 32-000 Scope

(1) This section applies to the installation of electrical local fire alarm systems required by any governmental or other agency having jurisdiction.

(2) The requirements of this section are supplementary to or amendatory of the general requirements of this Code.

### 32-002 General

(1) All components incorporated in a fire alarm system, including ancillary devices such as magnetic door holders, electrically operated smoke vents, shall be installed to the satisfaction of the inspection department.

(2) Fire alarm systems shall test free of grounds, except parts of circuits or equipment which are intentionally and permanently grounded to provide ground fault detection, emergency ground signalling or circuit protective grounding.

(3) All systems shall be so designed that they do not depend upon the effectiveness of any ground connection, except at the control unit when required, for normal operation.

(4) Devices shall be so interconnected that the operation of any automatic detection device or manual station will cause every alarm, indicating, or recording device on the system to operate in the intended manner, unless exempted from this requirement by the governmental or other agency having jurisdiction.

### 32-004 Operation and Maintenance

(1) The entire alarm signal system shall operate to the satisfaction of the inspection department and also of the governmental or other agency having jurisdiction.

(2) The fire alarm system shall be properly maintained and kept in proper working condition at all times.

### 32-006 End-of-Line Resistors

(1) When required to control supervisory current, end-of-line resistors shall be installed in circuits for manual alarm stations, automatic initiating devices, and audible signal appliances and shall be located:

- (a) In the control panel when the circuit is brought back; or
- (b) In a separate box located not more than six feet above the finished floor, beyond the last manual alarm station or automatic initiating device in a circuit.

**32-008 Electrical Supervision.** Where a component is connected in a fire alarm circuit having electrical supervision, it shall be connected so that it is not possible to remove or disconnect the component without causing a trouble signal to be initiated.

### 32-010 Current Supply

(1) Every fire alarm signal system shall be supplied from:

- (a) A main service supply and, except by special permission, this shall be an electric lighting service connected to a public electrical supply utility; and
- (b) Where the system is provided with electrical supervision, a standby source of power which shall be connected to the system automatically and without undue delay upon the interruption of the main power source to the system.

(2) Fire alarm signal systems shall be supplied from separate circuits connected as close as practicable to the service entrance equipment (without violating other rules of this Code) and used solely for the supply of energy to the systems.

(3) If a fire alarm signal system is provided with electrical supervision, the supervisory function shall be supplied from a circuit separate from that supplying the operating function, and in this regard a 3-wire ac or dc supply circuit having a continuous unfused neutral conductor, or a polyphase ac supply circuit having a continuous unfused neutral conductor where interruption of one phase does not prevent operation by the other phase, may be used with one side or phase for the main operating power supply and the other side or phase for the trouble signal power supply of the signalling system.

(4) Overcurrent devices and disconnecting means in the supply circuits of a fire alarm signal system shall be contained, where practical, in a separate enclosure or compartment to which no other circuits are connected, and shall be clearly identified in a permanent, conspicuous, and legible manner by the words "Fire Alarm System", and the enclosure or compartment shall be coloured red.

### 32-012 Standby Power Source

(1) The standby source of power shall be capable of operating all alarm devices in the system for a period of not less than five minutes after 24 hours under supervisory conditions.

(2) Where the standby source of power for the fire alarm system is from batteries:



- (a) The batteries shall be of the rechargeable type and not be of the automobile type;
- (b) A charging means shall be provided to maintain the battery in a charged condition automatically; and
- (c) The batteries shall not be used for any other purpose (i.e. emergency lighting, etc.).

(3) On restoration of the normal source of power the batteries shall automatically recharge and within twelve hours have sufficient charge to comply with the requirements of Subrule (1).

### 32-014 Conductors

(1) Conductors shall be of copper and shall have an ampacity adequate to carry the maximum current that can be provided by the circuit.

(2) Conductors No. 14 AWG and smaller shall be solid and conductors No. 12 AWG and larger may be solid or stranded.

(3) Individual conductors installed in raceways shall be not less than No. 14 AWG and shall be of a type suitable for the purpose as listed in Table 19 having an allowable temperature rating of at least 85C.

(4) Conductors in cables shall be not less than No. 14 AWG for single and two conductor cables, not less than No. 18 AWG for three and four conductor cables, and not less than No. 22 AWG for cables having more than four conductors.

### 32-016 Wiring Method

(1) All conductors of a fire alarm system shall:

- (a) Be installed in metallic raceway;
- (b) Be incorporated in a cable of a type listed in Table 19 having a metallic sheath; or
- (c) Be incorporated in a cable specifically approved for the purpose.

(2) The conductors shall be installed so as to be entirely independent of all other wiring and shall not enter a fixture, raceway, box, or enclosure occupied by other wiring, except as may be necessary at the point of supply or for tying into other communication systems.

(3) Cables may be installed exposed on a ceiling or a wall providing they are not less than seven feet from the floor and are adequately protected against injury.

## SECTION 34—SIGNS AND OUTLINE LIGHTING

### 34-000 Scope

(1) This Section applies to signs and outline lighting wherein the sources of light are:

- (a) Incandescent lamps;
- (b) Fluorescent lamps;
- (c) High potential luminous discharge tubes.

(2) The requirements of this Section are supplementary to or amendatory of the general requirements of this Code.

### General Requirements

**34-002 Construction.** Signs and incandescent outline lighting equipment manufactured wholly or in part by electrical contractors in the field shall conform in construction to the requirements of CSA Standard C22.2 No. 2-1956, Electric Signs.

**34-004 Disconnecting Means.** Each outline lighting installation, and each sign other than the portable type, shall be provided with an externally operable disconnecting means which shall:

- (a) Open all ungrounded conductors;
- (b) Be suitable for conditions of installation such as exposure to weather; and
- (c) Be within sight of the sign or outline lighting it disconnects, or elsewhere if capable of being locked in the open position.

**34-006 Rating of Disconnecting Means and Control Devices.** Switches, flashers and similar devices controlling transformers and ballasts shall be either of a type approved for the purpose, or have a current rating not less than twice the current rating of the transformer or ballasts.

**34-008 Thermal Protection.** Ballasts of the thermally-protected type shall be required for all signs and outline lighting which employ fluorescent lamps except where the ballasts are of the simple reactance type.

### 34-010 Subdivision of Wiring

(1) Wiring shall be subdivided into branch circuits if the load exceeds 12 amperes.

(2) The maximum number of outlets per circuit on marquees shall not exceed 30.

### 34-012 Branch Circuit Protection

(1) The maximum permissible load for each branch circuit shall not exceed 12 amperes.

(2) The overcurrent device for each branch circuit shall not protect any other circuit.

**34-014 Location.** Signs and outline lighting shall be located so that:

- (a) Any person working thereon is not likely to come into contact with overhead conductors;
- (b) No part of the sign or its support will interfere with normal work operations performed on electrical and communication utility lines;
- (c) No part of the sign or its support is in such proximity to overhead conductors as to constitute a hazard; and
- (d) Except as provided for in Subrule 2, no part of the sign, other than its support, is less than 7 feet above grade.

(2) Notwithstanding paragraph (d) free standing signs may be mounted with electrical components less than 7 feet above grade if mechanical protection

is provided to prevent persons or vehicles from coming into contact with the electrical components of the sign.

**34-016 Supporting Means.** Poles, masts, or other objects specifically designed for use as supports for signs shall be subject to approval by the inspection department.

**34-018 Grounding.** Signs, troughs, tube terminal boxes, and other metal frames shall be grounded in accordance with Section 10.

**34-020 Protection of Sign Leads**

(1) Where sign leads pass through the walls or partitions of the sign structure, they shall be protected by incombustible absorption-resisting bushings.

(2) Where signs leads are run as open wiring they may be cabled.

**34-022 Conductors**

(1) The conductors for signs and outline lighting shall be of types indicated in Table 19 as being suitable for exposed wiring or wiring in raceways, in damp or wet locations.

(2) The conductors for signs and outline lighting shall be installed:

- (a) In rigid conduit;
  - (b) In metal troughs;
  - (c) As armoured cable of the lead-sheathed type or the type having a thermoplastic outer covering;
  - (d) As mineral-insulated cable;
  - (e) As aluminum-sheathed cable; or
  - (f) In electrical metallic tubing.
- (3) Surface raceways shall not be used.

**High-Potential Luminous-Discharge-Tube Signs and Outline Lighting**

**34-024 Enclosures for Transformers and Regulating Coils.** Enclosures for transformers and regulating coils shall be well ventilated and designed so as to minimize the emission of flames or sparks in case of burning.

**34-026 Protection of Uninsulated Parts.** Doors or covers accessible to the general public and which give access to uninsulated parts of indoor signs or outline lighting, shall be either provided with interlock switches which on the opening of the doors or covers disconnect the primary circuit, or shall be fastened so that the use of other than ordinary tools will be necessary to open them.

**30-028 Transformer Voltage**

(1) The rated secondary open circuit voltage of transformers shall not exceed 15,000 volts.

(2) In end-grounded transformers, rated secondary open circuit voltage shall not exceed 7,500 volts.

**34-030 Open Core-and-Coil Type Transformers.** Open core-and-coil type transformers shall only be used indoors.

**34-032 Transformers Used Outdoors.** Transformers used outdoors shall be of the weatherproof type or shall be enclosed in the sign body or in a separate weatherproof box.

**34-034 Transformer Accessibility.** Transformers shall be accessible.

**34-036 Transformer Overcurrent Protection**

(1) Each transformer shall be protected by an overcurrent device except that two or more transformers may be protected by one overcurrent device if their combined load does not exceed 12 amperes.

(2) Where additional overcurrent devices for the individual protection of transformers in signs are used, they shall be placed either inside or outside the sign structure.

(3) Where exposed to the weather, overcurrent devices protecting transformers shall be of the weatherproof type.

**34-038 Transformer Secondary Connection**

(1) The high-potential windings of transformers shall not be connected in parallel.

(2) The high-potential windings of transformers shall not be connected in series, except that two transformers may have one end of each of their high-potential windings grounded and connected in series to form the equivalent of a midpoint-grounded transformer, provided that the grounded ends of the high-potential windings are connected by an insulated copper conductor not smaller than No. 14 AWG.

**34-040 High-Potential Wiring Methods**

(1) High-potential conductors shall be installed on insulators, either open or concealed, or in rigid or flexible conduit, or in electrical metallic tubing.

(2) High-potential conductors may be run from the ends of gas tubes to the grounded midpoint of transformers which have terminals at the midpoint.

(3) The connections between the high-potential terminals of the transformer of the midpoint-grounded type and the line ends of gas tubes shall be as short as possible.

(4) There shall be no sharp bends in high-potential conductors.

(5) Bare high-potential conductors shall be installed only inside grounded metal enclosures.

(6) Where subject to mechanical injury or where within reach from ground, roof or window, high-potential conductors shall be enclosed in raceways or be suitably guarded.

**34-042 High-Potential Conductor Insulation and Size**

(1) Insulated conductors shall be not smaller than No. 14 AWG and shall be of luminous-tube-sign types, as indicated in Table 19, suitable for the voltage of the circuit.



(2) Uninsulated conductors shall be solid and not smaller than No. 10 AWG.

#### **34-044 Exposed High-Potential Conductors, Indoors**

(1) Exposed wiring shall be mounted on non-combustible, non-absorptive insulators.

(2) Insulators of porcelain shall be glazed on all exposed surfaces.

(3) A separation of at least  $1\frac{1}{2}$  inches shall be maintained between conductors and between conductors and other objects.

#### **34-046 Concealed High-Potential Conductors on Insulators, Indoors**

(1) Concealed high-potential conductors on insulators shall be separated from each other and from all objects other than the insulators on which they are mounted by a spacing of not less than  $1\frac{1}{2}$  inches.

(2) Concealed high-potential conductors shall be installed in channels lined with noncombustible material and used for no other purpose, except that the primary circuit conductors may be in the same channel.

(3) The insulators shall be of noncombustible, non-absorptive material.

**34-048 High-Potential Conductors in Show Windows and Similar Locations.** If high-potential conductors hang freely in the air, as in show windows and in similar locations away from combustible material, and if not subject to mechanical injury, as in some show window displays, they need not be protected.

#### **34-050 High-Potential Conductors in Raceways**

(1) High-potential conductors in contact with grounded metal of raceways shall be lead covered, unless the insulation is resistant to the effects of corona.

(2) If the conductors are covered with lead or other metallic sheathing, this covering shall extend beyond the end of the conduit or electrical metallic tubing and the surface of the cable shall not be injured where the covering terminates.

(3) The insulation on all conductors shall extend at least 4 inches beyond the end of the lead or raceway except for conductors at grounded midpoint terminals.

(4) Not more than 20 feet of cable from a single transformer shall be run in rigid or flexible metal conduit or electrical metallic tubing.

#### **34-052 Installation of Exposed High-Potential Conductors, Outdoors**

(1) Exposed high-potential conductors outdoors shall be mounted on noncombustible, non-absorptive insulators.

(2) Insulators of porcelain shall be glazed on all exposed surfaces.

(3) A separation of at least 2 inches shall be maintained between conductors and between conductors and other objects, except as permitted in Subrule (5).

(4) Conductors shall not be located where exposed to mechanical injury.

(5) If guarded, a space of not less than  $1\frac{1}{2}$  inches shall be maintained between conductors and the enclosure, unless the enclosure is nonconducting and noncombustible.

### **SECTION 36—HIGH-POTENTIAL INSTALLATIONS**

#### **General**

##### **36-000 Scope**

(1) This Section applies to installations operating at potentials in excess of 750 volts.

(2) The supply authority and the inspection department must be consulted before proceeding with any such installation.

(3) This Section is additional to the requirements of this Code for installations at potentials of 750 volts or less.

(4) This Section does not apply to any high-potential installation covered by any other Section of this Code.

(5) This Section does not affect construction details of factory fabricated assemblies approved under Part II of this Code.

**36-002 Guarding.** Live parts of electrical equipment shall be inaccessible to unauthorized persons.

##### **36-004 Warning Notices**

(1) A permanent legible warning notice shall be placed in a conspicuous position at electrical equipment vaults, equipment rooms, areas or enclosures, carrying the wording:

"DANGER—HIGH VOLTAGE"; or "DANGER—... VOLTS".

(2) Permanent legible signs shall be installed at isolating equipment warning against operating it while carrying current, unless the equipment is interlocked so that it cannot be operated under load.

(3) Suitable warning signs shall be erected in a conspicuous place adjacent to fuses, warning operators not to replace fuses while the supply circuit is energized.

#### **Wiring Methods**

##### **36-006 Service or Other Conductors**

(1) Bare conductors may be used only:

- (a) Outdoors;
- (b) In central stations;
- (c) In sub-stations;
- (d) In motor and generator rooms; and
- (e) In transformer and electrical equipment vaults in accordance with Rules 26-160 to 26-174.

(2) Bare conductors, and insulated conductors unless enclosed in grounded metal, shall not be run on, or terminate on, building walls except as permitted in paragraphs (b) to (e) of Subrule (1).



(3) Insulated conductors used indoors in other than sub-stations or transformer and electrical equipment vaults in accordance with Rules 26-160 to 26-174 only be installed in conduit or otherwise protected in an acceptable manner.

(4) For the purpose of Subrule (3), insulated conductors shall not be considered as being indoors where they are in conduit enclosed within a wall or under a floor so that:

(a) The conduit is surrounded by not less than 2 inches of concrete or masonry; and

(b) The location of the conduit is indicated by acceptable permanent markers set in the walls, floor or ceiling.

(5) Insulated wires or cables shall be sheathed in metal or other acceptable moisture-resistant covering if in other than dry locations.

(6) Conductors enclosed in armour of magnetic material shall be installed in accordance with Rule 12-1004.

(7) Where insulated conductors are not enclosed and are spaced at less than minimum clearances for bare conductors, and are subject to arcs or heat caused by short circuits in nearby conductors, the insulation shall be flame-retarding or have a flame-retarding outer covering.

(8) Where the coverings are of a conducting nature they shall be stripped back from the terminals sufficiently to prevent leakage of current.

(9) Service conductors shall have a mechanical strength not less than that of No. 6 AWG hard drawn copper.

**36-008 Radii of Bends.** The minimum bending radii measured at the innermost surface of the bend for permanent training of cables during installation shall be as shown in Table 15.

### **36-010 Shielding of Thermosetting Insulated Conductors**

(1) Except as permitted in Subrules (2), (3), and (4) shielding shall be provided over the thermosetting insulation of each permanently installed conductor with or without fibrous covering or non-metallic jacket, operating at circuit voltages above 2,000 volts phase-to-phase.

(2) Shielding need not be provided for conductors having thermosetting insulation where they are directly buried in the soil and operating at circuit voltages not exceeding 3,000 volts phase-to-phase, provided that the insulation or the non-metallic jacket, if provided, is of ozone and discharge-resistant type.

(3) Shielding need not be provided for conductors having thermosetting insulation where the circuit voltage does not exceed 5,000 volts phase-to-phase, where the conductors are installed on insulators or in metallic raceways and bound together, in switch rooms, transformer vaults, metal-enclosed switchgear assemblies, and similar permanently dry locations where the conductor run does not exceed 50 feet.

(4) Shielding need not be provided for conductors having thermosetting insulation with metallic sheath, metallic armour or non-sheathed with wire or flat tape armour for permanent installation for circuit voltages not exceeding 5,000 volts phase-to-phase.

(5) Subject to Rule 10-302, metallic sheaths, metallic shielding, metal armour, metal conduit and metal fittings shall be bonded together and grounded.

**36-012 Supporting of Bare Conductors.** Bare conductors shall be mounted on suitable insulating supports capable of withstanding the short circuit stresses liable to be imposed by the supply system.

### **36-014 Spacing of Bare Conductors**

(1) Bare conductors, and insulated conductors unless enclosed in or in contact with grounded metal, other than those within or at the point of connection to apparatus or devices shall be spaced to provide a clearance under all operating conditions in accordance with Tables 30 and 31 between:

(a) Live parts of opposite polarity; and

(b) Live parts and all other structural parts other than the conductor supports.

(2) Where the conductors mentioned in Subrule (1) are connected to apparatus or devices having terminal spacings less than those shown in Tables 30 and 31, the conductors shall be spread out so as to attain the required spacings at the first point of support beyond such terminals.

### **36-016 Guarding of Live Parts**

(1) Bare conductors, insulated conductors unless enclosed in or in contact with grounded metal, and other bare live parts shall be:

(a) Accessible only to authorized persons; and

(b) Isolated by elevation or by acceptable barriers.

(2) Where the conductors or live parts mentioned in Subrule (1) are isolated by elevation, the elevations and clearances maintained shall be as specified in Tables 32, 33, and 34 except that:

(a) For conductors crossing railways and communication lines, installation shall be in accordance with the requirements of the Canadian Electrical Code Part III, CSA Standard C22.3 No. 1-1970, Overhead Systems and Underground Systems; and

(b) For overhead systems crossing highways and other locations, installation shall be in accordance with the requirements of CSA Standard C22.3 No. 1-1970, Overhead Systems and Underground Systems, or of the appropriate authority whichever is greater.

(3) For a given span, clearances specified in Tables 32 and 34 shall be increased by 1 per cent of the amount by which the span exceeds 175 feet.

**36-018 Terminating Facilities.** Suitable terminating facilities shall be provided to protect cables from harm due to moisture or mechanical damage.

**36-020 Joints in Sheathed Conductors or Cables**

(1) Splices or taps in sheathed conductors or cables shall have the conductor or cable covered with insulation and shall have shielding, when used, electrically and mechanically equivalent to that on the conductors or cables joined.

(2) For conductors or cables having a metallic or conducting sheath, provision shall be made for continuity of the sheath over the splice or tap unless the joint is made in a suitable splicing box which maintains the continuity of the grounding circuit.

**36-022 Elevator Shafts**

(1) High-potential conductors shall not be installed in elevator shafts.

(2) The conductors may be installed in conduit embedded in the masonry walls of the hoist-way but the conduit shall be surrounded throughout the entire length of its run by not less than 2 inches of masonry or concrete.

**Control and Protective Equipment**

**36-024 Service Equipment Location.** Service equipment shall be installed in a location satisfactory to the supply authority and the inspection department and, in the case of a building, shall be at the point of service entrance.

**36-026 Rating and Capacity.** Circuit breakers, fuses and switches shall be of types and ratings acceptable to the inspection department and the supply authority.

**36-028 Overcurrent Protection, Services.** Each service shall be provided with overcurrent protection, complying with the following, in all ungrounded conductors:

- (a) If the protective equipment is installed outdoors, one of the following shall be used:
  - (i) Circuit breakers of adequate interrupting capacity and rating, with trip settings approved by the supply authority;
  - (ii) Fuses of adequate rating and interrupting capacity preceded by suitable group-operated visible break load-interrupting devices capable of making and interrupting their full load rating and which may be closed with safety to the operator with a fault on the system;
  - (iii) Fuses of adequate rating and interrupting capacity preceded by a group-operated visible break air-break switch capable of interrupting the magnetizing current of the transformer installation and which may be closed with safety to the operator with a fault on the system and so interlocked with the transformer secondary circuit breaker to prevent its operation under load;
- (b) If the protective equipment is installed indoors, one of the following shall be used:
  - (i) The protection outlined in paragraph (a) (i);
  - (ii) The protection outlined in paragraph (a) (ii) by special permission and where satisfactory to the supply authority, provided that the load-interrupting devices and the fuses are separated and interlocked so that the operator cannot gain access to fuses with the load-interrupting devices closed;

- (iii) The protection outlined in paragraph (a) (iii) by special permission and where satisfactory to the supply authority, provided that the fuses are separated and interlocked so that the operator cannot gain access to them unless the switch is open and the switch is interlocked so that it cannot be operated under load.

**36-030 Overcurrent Protection Other than Services**

(1) Each operating unit of apparatus, other than transformers, the protection of which is specified in Section 26, each feeder and each branch circuit shall be protected by a circuit breaker of adequate rating and interrupting capacity except as otherwise provided for by this Rule.

(2) Fuses of adequate rating and interrupting capacity may be used for the protection of:

- (a) Individual feeders or branch circuits at the point where they receive their supply;
- (b) Motors as specified in Section 28; or
- (c) Apparatus of other types by special permission.

**36-032 Overcurrent Protection of Instrument Transformers**

(1) Instrument potential transformers shall have overcurrent protection as required by Rule 26-052.

(2) A suitable disconnecting means shall be provided on the supply side of fuses used for the protection of instrument potential transformers.

**36-034 Disconnecting Means, Services**

(1) At least one group-operated isolating switch shall be placed on the supply side of each service circuit breaker, except where equipment of the draw-out type or group-operated load-interrupting devices are installed, and shall:

- (a) Visibly disconnect all ungrounded conductors of the service; and
- (b) Be interlocked so that it cannot be operated under load.

(2) In cases where the possibility of feed-back exists, group-operated isolating switches shall be installed to meet this condition.

**36-036 Disconnecting Means, Other than Services**

(1) An isolating switch or equivalent equipment shall be placed on the supply side of each circuit breaker and shall be interlocked with the circuit breaker so that the switch cannot be operated under load.

(2) In cases where the possibility of feed-back exists, group-operated isolating switches shall be installed to meet this condition.

(3) Where conductors fed directly by an outdoor station enter a building, either:

- (a) A load-breaking device shall be installed indoors at the entry of the conductors to the building; or
- (b) A load-breaking device at the outdoor service shall be capable of being tripped or operated from within the building.



**36-038 Emergency Exits**

(1) Each room or space and each working space about equipment shall have suitable means of exit which shall be kept clear of all obstructions.

(2) If the plan of the room or space and the character and arrangement of equipment are such that an accident would be liable to close or make inaccessible a single exit, as in the case of long narrow rooms, platforms, passageways, spaces behind switchboards, or wire and pipe tunnels, a second exit shall be provided.

**36-040 Station Grounding Electrode**

(1) Every station shall be grounded by means of a driven ground electrode consisting of the following:

- (a) At least 4 ground rods not less than 10 feet long and  $\frac{3}{4}$  inches in diameter;
- (b) Spaced at least the rod length apart; and
- (c) Interconnected by means of an annealed copper conductor of at least No. 2/0 AWG in the form of a loop around the equipment to be grounded to it, when the electrode is in close proximity to the equipment;
- (d) A buried ground electrode may be used in lieu of the grounds specified in Clause (a), where it is acceptable to the inspection department.

(2) Where a ground electrode is remotely located to the station equipment, two grounding conductors of annealed No. 2/0 AWG copper shall connect the ground electrode to the station equipment to ensure continuity, and the grounding arrangement shall be subject to the approval of the inspection department.

(3) The ground electrode described in Subrule (1) shall not be required where:

- (a) An indoor station receives its supply from a main station or switching centre on the same premises;
- (b) The main station or switching centre has a ground electrode as required in Subrule (1); and
- (c) All parts of the substation which are required to be connected to a ground electrode are connected to the main substation or switching centre ground electrode by an annealed copper conductor not less than No. 2/0 AWG.

(4) Where the interconnecting ground in Subrule (3) (c) may be subject to mechanical damage or inadvertent disconnection, each station shall have a ground electrode as specified in Subrule (1), as well as the interconnecting ground conductor.

**36-042 Station Ground Resistance.** The resistance of the station ground electrode shall not exceed 1 ohm.

**36-044 Connection of Lightning Arrester to the Station Ground Electrode**

(1) The size of conductor connecting a lightning arrester to the station ground electrode shall not be less than:

- (a) No. 4 AWG where the arrester is rated less than 10 kv;
- (b) No. 2 AWG where the arrester is rated 10 kv to 30 kv;
- (c) No. 2/0 AWG where the arrester is rated greater than 30 kv but not greater than 69 kv.

(2) Lightning arrester grounding conductors shall be of copper and as short as practicable.

(3) Where the lightning arresters are for the protection of high voltage cable, the lightning arrester grounding conductor shall be connected to all metallic potheads and/or metallic sheath or armour or shielding of the cables.

**36-046 Other Connections to Station Ground Electrodes**

(1) All metallic items forming part of the station shall be connected to the station ground electrode as follows:

- (a) A metallic water main inside of the station boundaries by a copper conductor not less than No. 2/0 AWG;
- (b) A line sky-wire by the copper equivalent of the sky-wire;
- (c) A neutral by the copper equivalent of the neutral;
- (d) A supporting leg of a metal structure by a copper conductor not less than No. 2/0 AWG;
- (e) A gradient control mat by copper conductors not less than No. 2/0 AWG; and
- (f) The non-current-carrying metal parts of:
  - (i) Transformers, generators, motors, circuit-breakers, reclosers, current transformers and switchgear by copper conductors not less than No. 2/0 AWG;
  - (ii) Frames of gang-operated switches and fuse cutout bases by copper conductor not less than No. 2/0 AWG, unless mounted on metal structures on which all structural joints within 8 feet of grade are bonded;
  - (iii) Cable sheaths, raceways, pipe work, screen guards, switchboards and potential transformers by copper conductors not less than No. 4 AWG;
  - (iv) Meter and relay cases by copper conductor not less than No. 10 AWG; and
  - (v) Any exposed metal frame of the building and any other metal work on buildings within or forming part of the station enclosure which is exposed to becoming energized by copper conductor not less than No. 2/0 AWG.

(2) Connections to the items in Subrule (1) (a), (b), and (c) shall be through a removable link which will permit isolation from the station ground electrode for test purposes.



**36-048 Gradient Control Mats**

(1) A permanent gradient control mat of substantial galvanized steel construction shall be installed at the handle of the operating mechanism of every gang-operated switch installed outdoors and not enclosed in metal.

(2) The gradient control mat shall:

- (a) Be positioned so that the operator will not be required to step from the mat during the operation of the switch;
- (b) Be placed upon the ground where it is visible at all times;
- (c) Have dimensions of not less than:

- (i) 48 inches by 54 inches where the switch mechanism has a reciprocating action; or
- (ii) 48 inches by 72 inches where the switch mechanism has a rotating action;

(d) Be connected to the station ground electrode by two separate No. 2/0 AWG annealed copper conductors.

(3) The operating rod of the switch mechanism shall be connected to the gradient control mat by:

- (a) Connecting the operating rod to a connector on the handle base or adjacent structure by means of a No. 3/0 AWG extra-flexible (425 strands) copper conductor; and
- (b) Connecting from the handle base or adjacent structure connection to the gradient control mat by means of a No. 2/0 AWG annealed copper conductor.

(4) Notwithstanding Subrule (2), other forms of mats may be used by special permission.

**36-050 Grounding of Wire Fence Enclosures of Outdoor Stations**

(1) The fence shall be grounded independently of the station ground electrode by means of a No. 2/0 AWG annealed copper conductor located outside the fence, and where practicable 3 feet from the fence line and buried to a depth of 6 to 8 inches.

(2) The fence grounding cable shall be connected to the fence at intervals not exceeding 40 feet by tap conductors of No. 2/0 AWG annealed copper conductors.

(3) The tap conductor shall be interwoven through the fence fabric and connected to the top rail and each strand of barbed wire.

(4) A tap conductor shall be located at each hinge gatepost and bonded to the gate frames by No. 3/0 AWG extra flexible copper conductor.

(5) The top rail of the fence shall be bonded at every joint by means of a No. 2/0 AWG copper conductor jumper.

(6) Where the fence or open gate are within 5 feet of the station ground electrode, gradient control device, or other equipment or structures connected

to the station ground electrode, the fence or fence ground electrode shall be connected to the station ground electrode on opposite sides of the station.

(7) Where a building forms part of the station enclosure, or is 5 feet or less from the fence, exposed metal work on the face of the building 5 feet or less from the station fence, or equipment shall be bonded to the fence electrode in two places on opposite sides of the station by No. 2/0 AWG copper conductors.

**36-052 Size of Grounding Conductor.** The portion of the copper grounding conductor above ground may be reduced to not less than No. 4 AWG for the purposes of Rules 36-046 and 36-050 where the available short circuit current at the station does not exceed 5,000 symmetrical amperes.

**SECTION 38—PASSENGER AND FREIGHT ELEVATORS INCLUDING DUMBWAITERS AND ESCALATORS**

**38-000 Scope.** This Section applies to the installation of electrical equipment for passenger and freight elevators, including dumbwaiters and escalators, and is supplementary to or amendatory of the general requirements of this Code.

**38-002 Voltage Limitations**

(1) No part of any electric circuit having a circuit voltage in excess of 300 volts shall be used on any car or control circuit, except that higher voltages may be used for frequencies of 25 through 60 cycles alternating current or for direct current, provided that the current in the system cannot, under any conditions, exceed 8 milliamperes for alternating current or 30 milliamperes for direct current.

(2) Electric circuits in machine rooms or penthouses for the operation of motors and brakes shall have a potential not in excess of 750 volts, provided that if it exceeds 300 volts, all control and signal circuits shall be insulated from the power circuits.

(3) Electric circuits fed from motor generators, rectifiers or control transformers shall be grounded as required in Section 10.

**38-004 Isolation of Live Parts.** All live parts of electrical apparatus in hoistways, at the landings or in or on the cars of elevators and dumbwaiters, or in the wellways or at the landings of escalators shall be enclosed to protect against accidental contact.

**38-006 Insulation of Conductors**

(1) Conductors from the control panel to the main circuit resistors not located within the control panel shall be of a type suitable for use in raceways as indicated in Table 19 and shall be suitable for operation at a temperature of not less than 90°C, have a rating not less than 600 volts, and be flame-retardant.

(2) Except for conductors in travelling cables, all wiring in hoistways and in or on cars of elevators, and in the machine rooms of elevators, dumbwaiters and escalators, shall be flame-retardant, moisture-resistant, and suitable for use at 600 volts as indicated in Tables 11 and 19.

**38-008 Travelling Cables.** Travelling cables used as flexible connections between elevator or dumbwaiter cars and their hoistways shall be of Type E or EO

elevator cable, or other equivalent approved type, except that Type EO or other equivalent approved type shall be used in damp locations.

### 38-010 Conductor Sizes

(1) In travelling cables the minimum size conductors shall be:

- (a) For lighting circuits, No. 14 AWG copper or No. 12 AWG aluminum except that smaller conductors may be used in parallel provided that the ampacity is equivalent to at least that of No. 14 AWG copper; and
- (b) For operating, control, and signal circuits, No. 18 AWG copper.

(2) In all operating, control, and signal circuits the minimum size conductors shall be No. 18 AWG copper.

(3) The size of branch circuit conductors supplying individual elevator motors shall be determined in accordance with Rule 28-016 and Table 27, except that for long runs, the cross-sectional area shall be such that the voltage drop at rated current does not exceed 3 per cent of no-load voltage at the motor terminals.

**38-012 Branch Circuits for Lighting.** In passenger elevators, a separate lighting branch circuit shall be provided for each car, and the overcurrent device protecting this branch circuit shall be located in the elevator machine room.

### 38-014 Wiring Methods in Hoistways, Machine Rooms and Escalator Wellways

(1) Conductors located in hoistways, machine rooms, and escalator wellways, except travelling cables, shall be installed in rigid metal conduit, electrical metallic tubing, or metallic wireways, except that flexible metal conduit or armoured cable not exceeding 5 feet in length may be used between riser and limit switches, interlocks, push-buttons, and similar devices.

(2) Except by special permission, only such electrical wiring, conduit and cables used directly in connection with the elevator or dumbwaiter may be installed inside the hoistway, including wiring for:

- (a) Signals;
- (b) Communication with the car;
- (c) Lighting and ventilating the car; and
- (d) Fire detecting systems for the hoistway.

(3) Mineral-insulated cable or aluminum-sheathed cable may be used if located so that there is no liability of damage to the sheath.

### 38-016 Wiring Methods on Cars

(1) Conductors and travelling cables on elevators and dumbwaiter cars shall be run in rigid conduit, electrical metallic tubing or wireways, except that:

- (a) Short runs of flexible conduit or armoured cable may be used where they are securely fastened in place and not exposed to oil or grease;
- (b) Flexible cord listed in Table 11 as suitable for hard usage may be used between fixed wiring on the car and switching or sensing

devices on the car door or gate, provided it is securely fastened and so located as to not be subject to mechanical injury;

(c) Mineral-insulated cable or aluminum-sheathed cable may be used if located so that there is no liability of damage to the sheath.

(2) Where conductors may be in contact with oil or grease, they shall have oil-resistant insulation.

(3) Where cord permitted in Subrule (1) contains an identified conductor and/or a conductor showing green, or green yellow combination coloured insulation, such conductors may be used for control circuitry, provided that by painting, taping, or other suitable means, their colouring has been suitably altered wherever they are made accessible, or visible, through removal of the outer covering of the cord.

### 38-018 Wiring Methods Between Motors, Machine Brakes, Generators and Control Panels

(1) Conductors of circuits between motors, machine brakes, generators and control panels may be run without additional protection, provided that:

- (a) The conductors are not over 6 feet long;
- (b) The conductors are supported at intervals of not more than 3 feet;
- (c) The conductors are not located so as to be subject to mechanical injury or to temperatures in excess of 60C (140F);
- (d) The group is taped or corded; and
- (e) The tapes or cords are coated with insulating paint.

(2) Where motor generators are used with elevator motors and both are located adjacent to or underneath the control equipment and are provided with extra-length terminal leads, the leads may be connected directly to the controller or motor generator terminal studs, and the provisions of Rule 4-002 in respect of ampacity shall not apply, but no lead shall be longer than 6 feet.

### 38-020 Wiring Methods on Sidewalk Elevators.

Where the top-terminal-landing opening is in the sidewalk or other area exterior to the building, the following special requirements apply:

- (a) All electrical wiring shall be installed in rigid conduit or electrical metallic tubing except that:
  - (i) Lead-sheathed armoured cable, not exceeding 5 feet in length, may be used as permitted in Rule 38-014 (1); and
  - (ii) Mineral-insulated cable or aluminum-sheathed cable may be used if located so that there is no liability of damage to the sheath;
- (b) All boxes and fittings in the hoistway shall be weatherproof;
- (c) All electrical equipment in or on the car shall be weatherproof;
- (d) Travelling cables, where used between the car and the hoistway wiring, shall be Type EO;



- (e) Slack rope switches where required, lower normal-terminal and lower final-terminal hoistway limit switches, and pit stop switches, shall be located as far above the bottom of the pit as practicable.

**38-022 Grouping of Conductors.** Conductors of elevator operating, control, signal, telephone and lighting circuits may be run in the same raceway or travelling cable provided that all conductors are insulated for the maximum voltage found in the cable or raceway system.

**38-024 Number of Conductors in Raceways.** Where conductors are installed in conduit or electrical metallic tubing, the conduit or tubing shall not contain a greater number of conductors than specified in Rule 12-1118 except that the restriction of Rule 12-1118 (3)(b), limiting the number of thermoplastic-insulated conductors shall not apply.

**38-026 Raceway Supports.** Supports for raceways in hoistways or escalator wellways shall be securely fastened to the guide-rail, hoistway or wellway construction.

### 38-028 Fittings

(1) Where conduit or electrical metallic tubing is installed in the open, split fittings or clamp fittings may be used provided the conduit or tubing does not contain feeders.

(2) Where conductors leave raceways, the provisions of Rules 12-3004, 12-3006, and 12-3008 shall apply.

(3) No terminal fitting shall be installed less than 6 inches from the floor in machine rooms.

### 38-030 Suspension of Travelling Cables

(1) Where travelling cables exceed 100 feet in length, such cables shall be so supported that the weight is carried directly by the reinforcement strands of the cable assembly.

(2) Where travelling cables do not exceed 100 feet in length and are so constructed that the weight of the cable is not carried by the individual conductors, the cables may be suspended by suitable spools.

**38-032 Hazardous Locations.** In hazardous locations, travelling cables shall terminate in cabinets approved for the class and group of the location and shall enter such enclosures through heavy-duty rubber-bushed threaded connector bushings which have been designed for this use.

**38-034 Mechanical Protection.** Whenever the travelling cables in swinging may come in contact with projections or corners of the building construction in the hoistway, such as "I" beams, beams, ledges and the like, such irregular surfaces shall be made smooth by covering with heavy gauge sheet metal or by other acceptable means.

### 38-036 Disconnecting Means

(1) Disconnecting means shall be provided for the opening of all ungrounded conductors of:

- (a) The drive motor and its control circuits in each elevator, dumbwaiter, and escalator operating individually or as one of a group;
- (b) The signal dispatch and scheduling circuitry, common to a group of elevators, dumbwaiters, or escalators; and

- (c) Lighting branch circuits supplying elevator cars and hoistways and such circuits shall be controlled by disconnecting means, other than those required for paragraphs (a) and (b) above.

(2) Each disconnecting means shall be an externally-operated fusible switch, or a circuit breaker, equipped with means for locking it in the open position.

(3) Means shall be provided on the switch or circuit breaker to indicate the disconnected position.

(4) The disconnecting means shall be located in a group in the machine room at the lock-jamb side of the entrance door unless available wall space or other construction features make it impractical to do so.

(5) Where the location of a disconnecting means required by Subrule (1) (a) is such that it is out of sight from either the machine or motor generator, a supplementary switch or circuit breaker, as outlined in Rule 28-060 shall be installed.

(6) Each disconnecting means shall be plainly marked to indicate the machine or circuit that it controls.

**38-038 Overload Protection of Motors.** Each elevator, dumbwaiter and escalator drive motor, or the drive motor of the motor-generator set which supplies current to the drive motor, shall be protected so that, in the event of excessive current due to single phase operation or due to mechanical cause, the current to the motor will be cut off before damage can occur to the winding.

**38-040 Phase Protection of Motors.** Each drum type electric elevator having electrically-operated brakes and on which the lifting cables are positively anchored to the hoisting drums and driven by a poly-phase motor shall be provided with devices which will prevent starting the motor if:

- (a) The phase rotation is in the wrong direction; or
- (b) There is a failure in any phase.

### 38-042 Overcurrent Protection of Operating, Control and Signal Circuits

(1) Overcurrent protection for operating and control circuits shall be provided in accordance with Section 14.

(2) Overcurrent protection for signal circuits shall be provided in accordance with Section 16.

**38-044 Installation of Machines.** Elevator, dumbwaiter or escalator machines, controllers, and auxiliary equipment shall be installed in a space which is secured against unauthorized access.

### 38-046 Installation of Control Panels

(1) At controllers there shall be a working space of not less than 24 inches clear of live parts behind each controller and not less than 30 inches of working space clear of live parts in front of each controller.

(2) There shall be a clear access of 18 inches in width from the front to the rear of the controller and if there are any exposed current-carrying parts in this area, they shall be protected by barriers.



(3) If the controllers are enclosed in cabinets with swinging doors or removable sections, the prescribed working space dimension shall apply when the doors are opened or a section removed, and this will not prohibit the installation of totally enclosed wall-mounted controllers.

(4) Controllers may be mounted on, over, or against the machine provided that there is reasonable access to the controller.

(5) Auxiliary equipment may be placed in front or rear of the controller, provided that the installation of such equipment will not reduce the space requirements of Subrule (1).

(6) Enclosed escalator controllers may be installed with less working space than required in Subrule (1), provided the controller can be readily removed for maintenance purposes.

**38-048 Bonding of Raceways.** Raceways attached to cars shall be bonded to grounded metal parts of the car with which they come in contact.

### **38-050 Grounding of Equipment**

(1) For electric elevators, dumbwaiters and escalators, the frames of all motors, machines, controllers and the metal enclosures for all electrical devices in or on the car or in the hoistway or wellway shall be grounded.

(2) For elevators or dumbwaiters other than electric, if any electrical conductors are attached to the car, the metal frame of the car shall be grounded if normally accessible to persons.

(3) All hand-operated metallic shifting ropes or cables shall be grounded.

### **38-052 Methods of Grounding**

(1) Equipment mounted on members of a grounded structural metal frame of a building shall be deemed to be grounded.

(2) Metal car frames supported by metal hoisting cables attached to or running over sheaves or drums of elevator machines shall be deemed to be grounded when the machine is grounded in accordance with Section 10.

**38-054 Power Rectifiers for Direct Current Elevators.** Where dry plate rectifiers or other types of rectifiers which are incapable of absorbing electrical energy are used to transform alternating current to direct current for the operation of a direct current elevator motor or motors, means shall be provided to absorb a sufficient amount of the energy regenerated by the elevator motor or motors to prevent an elevator from attaining at any time under overhauling load conditions a speed of more than 125 per cent of its speed in the up direction with its rated load in the car.

### **38-056 Lighting of Machine Rooms**

(1) Permanent provision of adequate artificial light shall be made in machine rooms of power elevators.

(2) Illumination shall be not less than 10 foot-candles at floor level.

(3) The machine room lighting switch shall be within easy reach of the entrance to the machine room.

(4) Where practical, the elevator service switch and the lighting switch shall be located on the lock-jamb side of the machine room entrance door, and both these switches shall be of the enclosed type.

### **38-058 Hoistway Pit Lighting**

(1) A permanent lighting fixture shall be provided in all pits which shall provide an illumination of not less than 5 foot-candles at the pit floor.

(2) A light switch shall be provided and shall be located so as to be accessible from the pit access door.

### **38-060 Overspeed Protection**

(1) Means shall be provided on the load side of each elevator disconnecting means to prevent the elevator, under overhauling load conditions, from attaining the governor-tripping speed, or a speed 25 per cent in excess of the elevator rated speed, whichever is the lesser.

(2) Motor generators driven by direct-current motors and converters, which can be driven at excessive speed from the direct current end, as by reversal of current or by decrease in load, shall be provided with speed-limiting devices, capable of preventing the elevator from attaining a speed of more than 125 per cent of its rated speed.

## **SECTION 40—ELECTRIC CRANES AND HOISTS**

### **40-000 Scope**

(1) This Section covers such features of the installation of electrical equipment providing circuits for electric cranes, hoists, and monorails which are additional to or amendatory of the general requirements of this Code.

(2) This Section does not cover equipment and wiring of cranes, hoists, and monorails which are assembled and erected in the field and which shall comply with CSA Standard C22.2 No. 33-1959, Electric Cranes and Hoists.

**40-002 Supply Conductors.** The size of conductors supplying main contact conductors, or supplying the equipment directly where there are no main contact conductors, shall be not less than that required by Rules 28-016 or 28-018, as applicable, together with additional capacity for other than motor loads where such provision is necessary.

### **40-004 Conductor Protection**

(1) Conductors supplying main contact conductors shall be in rigid conduit, electrical metallic tubing, armoured cable, mineral-insulated cable or aluminum-sheathed cable except as otherwise provided for in Rule 40-018.

(2) Conductors supplying the equipment directly shall comply with Subrule (1) unless a flexible connection is required in which case an acceptable armoured or unarmoured cable or flexible cord, with take-up devices where necessary to prevent damage to the cable or cord and to keep it clear of the operating floor, may be used.

**40-006 Overcurrent Protection.** Conductors supplying main contact conductors or supplying the equipment directly where there are no main contact conductors shall be provided with overcurrent protection in accordance with the requirements of Rule 28-024 for the motor load plus an allowance in accordance with Rule 14-058 for any other loads if the size of conductors has been increased to provide capacity for the other loads.

**40-008 Disconnecting Means.** Suitable means which will disconnect all ungrounded conductors of the circuit simultaneously shall be:

- (a) Provided within sight of the main contact conductors or within sight of the equipment if there are no main contact conductors; and
- (b) Accessible and operable from the ground or from the floor over which the equipment operates.

#### **40-010 Main Contact Conductors**

(1) Bare main contact conductors shall have an ampacity not less than that of the conductors supplying them and, if wire is used in no case shall they be smaller than:

- (a) No. 4 AWG copper or No. 2 AWG aluminum if the length of contact conductor is 60 feet or less;
- (b) No. 2 AWG copper or No. 1/0 AWG aluminum if the length of contact conductor is greater than 60 feet, unless the intermediate insulating supports are of a clamp type which is capable of providing some strain relief.

(2) Bare main contact conductors may be of hard drawn copper or aluminum wire or may be of steel or other suitable metal in the form of tees, angles, T-rails, or other rigid shapes.

(3) Approved enclosed contact systems may be used.

#### **40-012 Spacing of Main Contact Conductors**

(1) Bare main contact conductor wires shall be supported so that:

- (a) They will be separated, centre-to-centre:
  - (i) Not less than 6 inches, for other than monorail hoists, if installed in a horizontal plane;
  - (ii) Not less than 3 inches, for monorail hoists, if installed in a horizontal plane; or
  - (iii) Not less than 8 inches, if installed in other than a horizontal plane; and
- (b) The extreme limit of displacement will not bring them within less than  $1\frac{1}{2}$  inches of the surface wired over.

(2) Rigid main contact conductors shall be supported so that there will be an air space of not less than 1 inch between conductors, between conductors and adjacent collectors, and between conductors and the surface wired over.

#### **40-014 Supporting of Main Contact Conductors**

(1) Bare main contact conductor wires shall be secured at each end to strain insulators, and shall be supported on insulating supports placed at intervals not exceeding 20 feet except that, where building conditions make the above impossible, the interval between insulating supports may be increased to a maximum of 40 feet if the separation between contact conductors is increased proportionately.

(2) Rigid main contact conductors shall be secured to insulating supports spaced at intervals of not more than 80 times the vertical dimension of the conductor, but in no case greater than 15 feet.

**40-016 Joints in Rigid Contact Conductors.** Joints in rigid main contact conductors shall be made so as to ensure proper ampacity without overheating.

**40-018 Use of Track as a Conductor.** Monorail, tramrail or crane runway tracks may be used as a main contact conductor or as a supply circuit conductor for one phase of a three-phase alternating-current system if:

- (a) The power for all phases is obtained from an isolating transformer;
- (b) The voltage does not exceed 300 volts;
- (c) The rail serving as a conductor is effectively grounded, preferably, at the transformer, with permissive additional grounding by the fittings used for the suspension or attachment at the rail to the building structure; and
- (d) Any joints in the rail meet the requirements of Rule 40-016.

**40-020 Elevation or Grounding of Contact Conductors.** Bare ungrounded contact conductors shall either be elevated to not less than 15 feet above ground or other working surface which is available to other than qualified persons, or be guarded so that the persons on the ground or other working surface cannot inadvertently make contact with bare current-carrying parts.

**40-022 Contact Conductors Not to Supply Other Equipment.** Contact conductors shall not be used as feeders for any equipment other than that essential for the operation of the cranes, hoists or monorails which they supply.

#### **40-024 Grounding**

(1) All exposed non-current-carrying metal parts shall be grounded.

(2) Metal-to-metal contact between wheels and tracks shall be sufficient for grounding purposes.

(3) Tracks shall be grounded as required by Rule 10-406 or 40-018.

(4) Flexible supply cords permitted in Rule 40-004 (2) do not require a grounding conductor provided the track is properly grounded.

### **SECTION 42—ELECTRIC WELDERS**

#### **General**

**42-000 General.** The requirements of this Section apply to electric welder installations and are additional to or amendatory of the requirements of other Sections of this Code insofar as these installations are concerned.

**42-002 Special Permission.** Where, in the opinion of the inspection department, the additional requirements of this Section are not required, they may be waived by special permission.

**42-004 Severe Duty Cycle.** Where in the opinion of the inspection department, the duty cycle is such as to require it, welders shall be treated on an individual basis.



**Transformer Arc Welders****42-006 Supply Conductors**

(1) The supply conductor for an individual transformer arc welder shall have an ampacity of not less than:

- (a) 100 per cent of the rated primary current for an automatically operated welder; or
- (b) 80 per cent of the rated primary current for a manually operated welder.

(2) The supply conductors for a group of automatically operated transformer arc welders shall have an ampacity equal to the sum of:

- (a) 100 per cent of the rated primary current of the two largest welders in the group;
- (b) 85 per cent of the rated primary current of the third largest welder in the group;
- (c) 70 per cent of the rated primary current of the fourth largest welder in the group; and
- (d) 60 per cent of the aggregate rated primary current of all remaining welders in the group.

(3) The supply conductors for a group of manually operated transformer arc welders shall have an ampacity equal to the sum of:

- (a) 80 per cent of the rated primary current of the two largest welders in the group;
- (b) 68 per cent of the rated primary current of the third largest welder in the group;
- (c) 56 per cent of the rated primary current of the fourth largest welder in the group; and
- (d) 48 per cent of the aggregate rated primary current of all remaining welders in the group.

(4) At the discretion of the inspection department, percentage values lower than those given in Subrules (2) and (3) are permissible in cases where the work is such that a high operating duty cycle for individual welders is impossible.

**42-008 Overcurrent Protection for Transformer Arc Welders**

(1) Each transformer arc welder shall have overcurrent protection rated or set at not more than 200 per cent of the rated primary current of the welder, unless the overcurrent device protecting the supply conductors meets this requirement.

(2) Each ungrounded conductor shall have overcurrent protection rated or set at not more than 200 per cent of the allowable ampacity of the conductor as specified in Tables 1, 2, 3 or 4, except that the next higher rating or setting may be used where:

- (a) The nearest standard rating of the overcurrent device is less than the rating or setting otherwise required by this Rule; or
- (b) The rating or setting otherwise required by this Rule results in too frequent opening of the overcurrent device.

**42-010 Disconnect Means**

(1) A disconnecting means shall be provided in the supply connection of each welder which is not equipped with a disconnecting means mounted as an integral part of the welder.

(2) The disconnecting means shall be a switch or circuit breakers and its rating shall be not less than necessary to accommodate overcurrent protection as specified under Rule 42-008.

**Motor-Generator Arc Welders**

**42-012 Conductors, Protection and Control of M-G Arc Welders.** The rules of Section 4, Conductors, and 28, Motors, shall apply to motor-generator arc welders except that:

- (a) The motors may be marked in amperes only; and
- (b) Where the controller is built-in as an integral part of the motor-generator set, the controller need not be separately marked provided the necessary data is on the motor nameplate.

**Resistance Welders**

**42-014 Definitions.** In Rules 42-016 and 42-018 the following definitions apply:

- (a) **Rated primary current** means the kilovolt-ampere rating of the welder as shown on the nameplate thereof multiplied by 1,000 and divided by the rated primary voltage shown on the nameplate of the welder;
- (b) **Actual primary current** means the current drawn from the supply circuit during each welder operation at the particular heat tap and control setting used; and
- (c) **Duty cycle** means the ratio of the time during which the welder is loaded to the total time required for one complete operation.

**42-016 Supply Conductors for Resistance Welders.** The ampacity of supply conductors shall be as follows:

- (a) Where an individual seam resistance welder or an individual automatically-fed resistance welder is operated at different times at different values of primary current or duty cycle, the supply conductors shall have an ampacity of not less than 70 per cent of the rated primary current of the welder;
- (b) Where an individual manually-operated non-automatic resistance welder is operated at different times at different values of primary current or duty cycle, the ampacity of the supply conductors shall be not less than 50 per cent of the rated primary current of the welder;
- (c) Where an individual resistance welder operates at known and constant values of actual primary current and duty cycle, the supply conductors shall have an ampacity of not less than the value obtained by multiplying the actual primary current by a factor of 0.71, 0.63, 0.55, 0.50, 0.45, 0.39, 0.32, 0.27 or 0.22 for duty cycles of 50, 40, 30, 25, 20, 15, 10, 7.5 and 5 per cent or less respectively;



(d) Where there is a group of resistance welders, the supply conductors shall have an ampacity of not less than;

(i) The sum of the values obtained from paragraph (a), (b) or (c) for the largest welder in the group; and

(ii) 60 per cent of the values so obtained for all of the other welders in the group.

#### **42-018 Overcurrent Protection for Resistance Welders**

(1) Every resistance welder shall have overcurrent protection rated or set at not more than 300 per cent of the rated primary current of the welder unless the overcurrent device protecting the supply conductors gives equivalent protection.

(2) Every ungrounded conductor of a resistance welder shall have overcurrent protection rated or set at not more than 300 per cent of the allowable ampacity of the conductor as specified in Tables 1, 2, 3, or 4, except that the next higher rating or setting may be used where:

(a) The nearest standard rating of the overcurrent devices is less than the rating or setting required by this Rule; or

(b) The rating or setting required by this Rule results in too frequent opening of the overcurrent device.

**42-020 Control of Resistance Welders.** Every resistance welder shall have installed in its supply circuit a switch or circuit breaker, rated at not less than the rating of the conductors as determined by Rule 42-016, whereby the welder and its control equipment can be isolated from the supply circuit.

#### **42-022 Nameplate Data for Resistance Welders.**

Every resistance welder shall be provided with a nameplate giving the maker's name, primary voltage, frequency, rated kilovolt-amperes at 50 per cent duty cycle, maximum and minimum open-circuit secondary voltage, short-circuit secondary current at maximum secondary voltage, and the specified throat and gap setting.

### **Section 44—Theatre Installation**

#### **General**

**44-000 Scope.** This Section applies to electrical equipment and installations in buildings or parts of a building designed, intended, or used for dramatic, operatic, motion picture, or other shows, and it is supplementary to or amendatory of the general requirements of this Code.

**44-002 Travelling Shows.** Electrical equipment used by a travelling theatrical company, circus, or other travelling show, whether or not the performance is held within a theatre, shall not be used for the initial performance of any "Stand" until a permit has been obtained from the inspection department.

**44-004 Motion Picture Studios and Projectors.** Motion picture studios and projectors shall comply with the requirements of Section 48.

**44-006 Sound Reproduction.** Sound reproducing equipment shall comply with the requirements of Section 66.

#### **44-008 Wiring Method**

(1) Wiring shall be in rigid conduit, or steel electrical metallic tubing, or as mineral-insulated cable except that:

(a) Other wiring methods may be permitted for temporary work;

(b) Flexible cord or cable may be used where permitted by this Section; and

(c) Flexible metallic conduit, armoured cable, lead sheathed armoured cable, or aluminum sheathed cable may be used by special permission.

(2) Surface raceways shall not be used on the stage side of the proscenium wall.

**44-010 Number of Conductors in Raceways.** For border or stage pocket circuits or for remote-control circuits:

(a) The number of conductors run in rigid conduit or electrical metallic tubing shall not exceed that shown in Rule 12-1118; and

(b) Conductors run in auxiliary gutters or metal wireways shall have a total cross-sectional area not exceeding 20 per cent of the cross-sectional area of the gutter or wireway.

**44-012 Conductor Insulation for Field Assembled Fixtures.** Foot, border, proscenium and portable strip light fixtures assembled in the field shall be wired with conductors having insulation suitable for the temperature at which the conductors will be operated and in no case less than 125C (257F).

#### **Stage Switchboards**

**44-014 Stage Switchboards to be Dead Front.** Stage switchboards shall be:

(a) Of the dead-front type; and

(b) Protected above with a suitable metal guard or hood extending the full length of the board and completely covering the space between the wall and the board to protect the latter from falling objects.

#### **44-016 Guarding Stage Switchboards**

(1) Where a stage switchboard has exposed live parts on the back of the board, it shall be enclosed by the walls of the building, by wire mesh grills, or by other acceptable methods.

(2) The entrance to the enclosure shall have a self-closing door.

#### **44-018 Supply Service**

(1) Every theatre other than a moving picture theatre which is not regularly used by theatrical companies shall have two extra service boxes installed in it for the proper and convenient supply of current to extra equipment.

(2) The boxes shall be suitably located with one box at each end of the stage.

(3) The boxes shall be connected in a permanent manner to the main service or to a separate source of supply.

(4) The boxes shall have a capacity of not less than 400 amperes when connected to a 110-volt, 2-wire supply circuit and 200 amperes when connected to a 110/220-volt, 3-wire supply circuit.

(5) The boxes shall be equipped with fuses and quick-break switches or approved equivalent devices.

**44-020 Switches.** Switches shall be of the enclosed type and externally operated.

#### **44-022 Pilot Lamp on Switchboards**

(1) A pilot lamp shall be installed within every switchboard enclosure.

(2) The pilot lamp shall be connected to the circuit supplying the switchboard so that the opening of the master switch does not cut off the supply to the lamp.

(3) The lamp shall be on an independent circuit protected by an overcurrent device rated or set at not more than 15 amperes.

**44-024 Fuses.** Fuses on switchboards shall be:

(a) Of either the plug or cartridge type; and

(b) Provided with enclosures in addition to the switchboard enclosure.

**44-026 Overcurrent Protection.** All circuits leaving the switchboard shall have an overcurrent device connected in each ungrounded conductor.

#### **44-028 Dimmers**

(1) Dimmers shall be connected so as to be dead when their respective circuit switches are open.

(2) Dimmers which do not open the circuit may be connected in a grounded neutral conductor.

(3) The terminals of dimmers shall be provided with approved enclosures.

(4) Dimmer faceplates shall be arranged so that accidental contact cannot readily be made with the faceplate contacts.

**44-030 Control of Stage and Gallery Pockets.** Stage and gallery pockets shall be controlled from the switchboard.

#### **44-032 Conductors**

(1) Stage switchboards equipped with resistive or transformed type dimmer systems shall be wired with conductors having insulation suitable for the temperature generated therein and in no case less than 125C (257F).

(2) The conductors shall have an ampacity of not less than that of the switch or overcurrent device to which they are connected.

(3) Holes in the metal enclosure through which conductors pass shall be bushed.

(4) The strands of the conductor shall be soldered together before they are fastened under a clamp or binding screw.

(5) Where a conductor of No. 8 AWG or of a larger size is connected to a terminal:

(a) It shall be soldered into a lug; or

(b) An approved solderless connector shall be used.

### **Portable Switchboards on Stage**

#### **44-034 Construction of Portable Switchboards**

(1) Portable switchboards shall be placed within enclosures of substantial construction but may be arranged so that the enclosure is open during operation.

(2) Enclosures of wood shall be completely lined with sheet metal not less than 0.0209 inch (No. 24 MSG) thick, suitably protected against corrosion.

(3) There shall be no live parts exposed within the enclosure except those on dimmer faceplates.

#### **44-036 Supply for Portable Switchboards**

(1) Portable switchboards shall be supplied by means of flexible cord or cable, Types S, SO, or ST, terminating within the switchboard enclosure in an externally operated, enclosed, fused master switch.

(2) The master switch shall be arranged so as to cut off current from all apparatus within the enclosure except the pilot light.

(3) The flexible cord or cable shall have a sufficient ampacity to carry the total load current of the switchboard.

(4) The ampere-rating of the fuses of the master switch shall not be greater than the total load current of the switchboard.

### **Stage Equipment—Fixed**

**44-038 Circuit Loads.** Footlights, border lights and proscenium side lights shall be arranged so that no branch circuit supplying such equipment will carry a load exceeding 15 amperes except that, where heavy-duty lampholders only are used, such circuits may conform to the provisions of Rule 14-082.

#### **44-040 Footlights**

(1) Where footlights are wired in rigid conduit or steel electrical metallic tubing, every lampholder shall be installed in an individual outlet box.

(2) Where footlights are not wired in rigid conduit or steel electrical metallic tubing, the wiring shall be installed in a steel trough.

**44-042 Wiring to Arc Pockets.** Where the wiring to arc pockets is in rigid conduit or steel electrical metallic tubing, the end of the conduit or tubing shall be exposed at a point approximately 12 inches away from the pocket, and the wiring shall be continued in flexible conduit in the form of a loop at least 2 feet long, with sufficient slack to permit the raising or lowering of the box.

#### **44-044 Cable for Border Lights**

(1) Flexible cord or cable for border lights shall be of Types S, SO, or ST.



(2) The flexible cord or cable shall be fed from points on the grid iron or from other acceptable overhead points but shall not be fed from side walls.

(3) The flexible cord or cable shall be arranged so that strain is taken from clamps and binding screws.

(4) Where the flexible cord or cable passes through a metal or wooden enclosure, a metal bushing shall be provided to protect the cord.

(5) Terminals or binding posts to which flexible cords or cables are connected inside the switchboard enclosure shall be located so as to permit convenient access to them.

**44-046 Receptacles in Gallery Pockets.** At least one receptacle having a rated capacity of not less than 30 amperes shall be installed in the gallery of theatres where dramatic or operatic performances are staged.

#### 44-048 Receptacles and Plugs

(1) Receptacles intended for the connection of arc lamps shall:

- (a) Have a rated capacity not less than 35 amperes; and
- (b) Be supplied by conductors not smaller than No. 6 AWG.

(2) Receptacles intended for the connection of incandescent lamps shall:

- (a) Have a rated capacity not less than 15 amperes; and
- (b) Be supplied by conductors not smaller than No. 12AWG copper or No. 10 AWG aluminum.

(3) Plugs for arc and incandescent receptacles shall not be interchangeable.

**44-050 Curtain Motors.** Curtain motors shall be of the enclosed type.

#### 44-052 Flue-Damper Control

(1) Where stage flue dampers are released by an electrical device, the circuit operating the device shall, in normal operation, be closed.

(2) The circuit shall be controlled by at least 2 single-pole switches enclosed in metal boxes with self-closing doors without locks or latches.

(3) One switch shall be placed at the electrician's station and the other at a place designated by the inspection department.

(4) The device shall be:

- (a) Designed for the full voltage of the circuit to which it is connected, no resistance being inserted;
- (b) Located in the loft above the scenery; and
- (c) Enclosed in a suitable metal box with a tight self-closing door.

#### Stage Equipment—Portable

##### 44-054 Fixtures on Scenery

(1) Fixtures attached to stage scenery shall be:

(a) Of the internally wired type; or

(b) Wired with flexible cord or cable approved for hard usage.

(2) The fixtures shall be secured firmly in place.

(3) The stems of the fixtures shall be carried through to the back of the scenery and shall have a suitable bushing on the end thereof.

#### 44-056 String or Festooned Lights

(1) Joints in the wiring of string or festooned lights shall be staggered where practicable.

(2) Where the lamps of string or festooned lights are enclosed in paper lanterns, or shades or other devices of combustible material, they shall be equipped with lamp guards.

#### 44-058 Flexible Conductors for Portable Equipment.

Flexible conductors for arc lamps, bunches, or other portable equipment shall be Types S, SO, or ST cord or cable, but for separate miscellaneous portable devices operated under conditions where the conductors are not exposed to severe mechanical injury, reinforced cords Types SV, SVO, SJ, SJO, or SJT may be used provided that they are protected by an overcurrent device rated or set at not more than 15 amperes.

#### 44-060 Portable Equipment for Stage Effects.

Portable equipment for stage effects shall be of a type especially approved for the purpose and shall be so located that flames, sparks or hot particles cannot come in contact with combustible material.

#### Dressing Rooms

**44-062 Pendants in Dressing Rooms.** Pendant lights in dressing rooms shall be wired with armoured cable or with flexible cord approved for hard usage as listed in Table 11.

#### 44-064 Receptacles in Dressing Rooms

(1) Every dressing room shall contain at least one receptacle constructed to accommodate parallel blade caps.

(2) All receptacles constructed to accommodate parallel blade caps in dressing rooms shall be controlled from the switchboard.

**44-066 Lamp Guards in Dressing Rooms.** All lights in dressing rooms shall be equipped with locked, open-end, wire guards.

#### Aisle Lights—Moving-Picture Theatres

**44-068 Aisle Lights in Moving-Picture Theatres.** Circuits for aisle lights located under seats may supply 30 outlets provided that the size of lamp bulb which can be used with each outlet is limited by barriers or the equivalent to 25 watts or less.

#### Construction

##### 44-070 Metal Work

(1) The metal work for footlights, borders, proscenium sidelights, and strips shall be not less than 0.0309 inch (No. 20 MSG) thick.



(2) The metal work for bunches and portable strips shall be not less than 0.0209 inch (No. 24 MSG) thick.

**44-072 Ventilation for Mogul Lampholders.** Where the lighting devices are equipped with mogul lampholders, the lighting devices shall be constructed with double walls and with adequate ventilation between the walls.

**44-074 Mechanical Protection of Lamps in Borders, Etc.** Borders, proscenium sidelights, and strips shall be constructed so that the flanges of the reflectors or other suitable guards protect the lamps from mechanical injury and from accidental contact with scenery or other combustible material.

**44-076 Clearances at Terminals.** The terminals of lampholders shall be separated from the metal of the trough by at least  $\frac{1}{2}$  inch.

**44-078 Connections at Lampholders.** Conductors shall be soldered to the terminals of lampholders unless other suitable means are provided to obtain positive and reliable connection under severe vibration.

**44-080 Suspended Fixtures.** Borders and strips shall be so suspended as to be electrically and mechanically safe.

**44-082 Pendent Lights Rated More Than 100 Watts.** Where a pendent lighting-device contains a lamp or group of lamps of more than 100 watts capacity, it shall be provided with a guard of not more than  $\frac{1}{2}$ -inch mesh so arranged as to prevent danger from falling glass.

### General

#### 46-000 Scope

(1) This Section applies to the installation, operation, and maintenance of emergency systems and unit equipment intended to supply illumination and to emergency systems intended to supply power, in the event of failure of the normal supply, where required by any governmental or other agency having jurisdiction.

(2) References to exit lighting systems refer to exit lights from emergency sources only.

(3) The requirements of this Section are supplementary to or amendatory of the general requirements of this Code.

**46-002 System Voltage, 50 Volts or Less.** Where an emergency system operates at 50 volts or less, it shall also conform to Section 56.

**46-004 Method of Wiring.** The method of wiring for emergency systems shall be rigid conduit, steel electrical metallic tubing, or mineral-insulated cable, unless special permission is obtained for the use of flexible conduit or armoured cable.

#### 46-006 Testing and Maintenance

(1) Every emergency system shall be tested at least once every month to ensure security of operation.

(2) Where batteries are used as a source of supply for emergency systems, the batteries shall be kept:

- (a) In proper condition;
- (b) Fully charged at all times; and
- (c) In an adequately-ventilated battery room.

#### 46-008 Location of Equipment

(1) No component of an emergency system shall be installed in a room which contains machinery using or used in connection with a combustible refrigerant.

(2) Storage batteries and generators for emergency systems shall be located within the building as to reduce as far as is possible the hazards of interference or damage to the equipment by fire, explosion or flooding within the building.

(3) Where the nature of the occupancy, construction, and internal protection of a building warrants it, an inspector may require that the batteries or generators, or both, be located in a fire-resisting room segregated from other parts of the building by unpierced walls, floor, and ceiling having a fire-resisting rating of at least 1 hour with entrance to the room from:

- (a) Outdoors; or
- (b) Inside the building providing the opening is protected by an approved automatic fire door.

#### 46-010 Instructions

(1) Complete instructions for the operation and care of the emergency system shall be posted on the premises in a frame under glass.

(2) The form of the instructions and their location shall be subject to the approval of the inspector.

#### 46-012 Audible and Visible Trouble-Signal Devices

(1) Every emergency system shall be equipped with audible and visible trouble-signal devices which give warning of derangement of the current source or sources and which indicate when the emergency load is supplied from batteries or generators.

(2) Audible trouble signals may be wired so that:

- (a) They can be silenced, but a red warning or trouble light shall continue to provide the protective function; and
- (b) When the system is restored to normal, the audible signal will:
  - (i) Sound, thus indicating the necessity of restoring the silencing switch to its normal position; or
  - (ii) Reset automatically so as to sound for any subsequent operation of the emergency system.

### Current Supply

**46-014 Capacity.** Emergency systems shall have adequate capacity and rating to ensure the satisfactory operation of all equipment connected to the system when the principal source of power fails.

#### 46-016 Current Supply

- (1) The current supply shall consist of:
  - (a) A service supply; and
  - (b) Where a stand-by supply is required:

- (i) A storage battery having sufficient capacity to supply and maintain, at not less than 91 per cent of full voltage, the total load of the emergency circuits for at least  $\frac{1}{2}$  hour;
- (ii) A generator driven by a dependable prime mover; or
- (iii) By special permission, a separate service widely separated electrically and physically to minimize the possibility of simultaneous interruption of the supply.

(2) Automobile batteries and lead batteries not of the sealed glass-jar-type are not considered suitable under Subrule (1) and shall only be used by special permission.

(3) Where a generator is used, it shall be:

- (a) Of capacity sufficient to carry the load; and
- (b) Arranged to start automatically without failure and without undue delay upon the failure of the current supply of the principal equipment of the building.

#### Circuits

**46-018 Wiring for Emergency Circuits.** The wiring of emergency systems shall be kept entirely independent of all other wiring and equipment and shall not enter a fixture, raceway, box, or cabinet occupied by other wiring except where necessary;

- (a) In transfer switches; and
- (b) In exit or emergency lighting fixtures supplied from two sources.

**46-020 Appliances and Lamps.** No appliance or lamp, other than those required for the emergency system, shall be supplied by the emergency circuits.

#### Control

##### 46-022 Control

(1) The current supply for an emergency system shall be controlled by an automatic changeover switch accessible only to authorized persons.

(2) An additional switch may be installed:

- (a) At the main source of supply or on the control panel of a special current-source; or
- (b) Adjacent to the automatic changeover switch to control separately the lights which are not required during daylight hours.

(3) An automatic light-actuated device approved for the purpose may be used to control separately the lights on the exterior of the building which are not required during daylight hours.

(4) The emergency circuits shall not be connected to or controlled by any other devices.

(5) Where self-contained battery-operated emergency lighting units are used, the branch circuit supplying the device shall be interconnected to the general lighting circuit so that failure of this circuit will actuate the emergency lighting unit.

#### Overcurrent Protection

##### 46-024 Overcurrent Protection

(1) No device other than the overcurrent device for current supply for emergency systems shall be placed ahead of the branch circuit overcurrent devices.

(2) The branch circuit overcurrent devices shall be accessible only to authorized persons.

#### Unit Equipment

##### 46-026 Unit Equipment

(1) Rules 46-026 to 46-036 apply to individual unit equipment only.

(2) In these rules, unit equipment means individual self-contained equipment for emergency illumination consisting of:

- (a) A battery;
- (b) Battery charging equipment;
- (c) One or more lamps; and
- (d) A relaying device arranged to energize the lamps automatically upon failure of the normal supply to the lighting circuit which the emergency unit equipment is intended to protect; this relaying device automatically de-energizing the emergency lights and/or equipment on restoration of normal service.

##### 46-028 Batteries

(1) Storage batteries whether of the acid or alkali type shall be of the type specifically designed for such service and be of the rechargeable type.

(2) Batteries shall be of suitable rating and capacity to supply and maintain at not less than 91 per cent of rated lamp voltage the total lamp load associated with the unit for a period of at least  $\frac{1}{2}$  hour.

**46-030 Supply Connections.** Unit equipment shall be connected by flexible cords or shall be permanently connected.

**46-032 Remote Lamps.** The wiring method between unit equipment and emergency illumination fixtures which are not a part of the unit shall be in accordance with Rule 46-018 and the Rules of Section 12.

**46-034 Testing and Maintenance.** Unit equipment shall be tested and maintained in accordance with Rules 46-006(1), (2) (a) and (2) (b).

**46-036 Instructions.** Instructions for the operation and care of unit equipment shall be in accordance with Rule 46-010.

#### SECTION 48—MOTION PICTURE STUDIOS, PROJECTION ROOMS, FILM EXCHANGES INCLUDING FILM-VAULTS AND STORE HOUSES FOR PYROXYLIN PLASTIC AND NITROCELLULOSE X-RAY AND PHOTOGRAPHIC FILM

##### 48-000 Scope

(1) This Section applies to:



- (a) Motion picture studios, projection rooms, exchanges, factories and laboratories; and
- (b) Any building or portion of a building in which motion picture films, pyroxylin plastic and nitrocellulose X-ray and photographic films are manufactured, projected, developed, printed, rewound, repaired or stored;

and is supplementary to or amendatory of the general requirements of this Code.

(2) This Section does not apply where only slow-burning (cellulose-acetate or equivalent) film is used.

**48-002 Wiring Method.** The wiring method, unless specified otherwise in this Section, shall be rigid conduit, steel electrical metallic tubing, or mineral-insulated cable, except that portable cables or flexible cord may be used on studio stages and other locations where fixed wiring methods are impracticable.

**48-004 Lamp Outlets.** Lamp outlets on walls shall consist of lampholders mounted in outlet boxes and equipped with open-ends guards securely fastened to the cover of the box.

**48-006 Pendent Lamps.** Pendent lamps shall be suspended by means of reinforced cord, armoured cord or armoured cable, and shall be protected by guards or metal shades.

**48-008 Portable Lamps.** For portable lamps other than those used as properties in a motion picture set on a studio stage or similar location, the lampholders shall be:

- (a) Unswitched;
- (b) Of composition or metal-sheathed porcelain; and
- (c) Provided with a guard hook and handle.

**48-010 Flexible Cords.** Type S, SO or ST cord shall be used on portable lamps and equipment.

**48-012 Patching Table Fixtures.** At film-patching tables all lighting fixtures, except lamps forming part of approved patching table equipment, shall be of the totally-enclosed gasketed type.

**48-014 Motors and Generators.** Motors and generators having brushes or sliding contacts, other than those used on studio stages or installed in accordance with Rule 48-032, shall be of approved dust-tight or enclosed types.

**48-016 Storage Batteries.** Storage batteries shall comply with the requirements of Rules 26-080 to 26-086.

**48-018 Pyroxylin Plastic Storage Rooms.** In rooms used for the storage of pyroxylin plastic no receptacle or attachment plugs shall be installed.

#### Film-Vaults

**48-020 Equipment in Film-Vaults.** No electrical equipment other than that necessary for fixed lighting shall be installed in film-vaults.

#### 48-022 Film-Vaults Wiring Method

(1) The wiring method in film-vaults shall be rigid conduit or mineral-insulated cable only, with threaded joints at couplings, boxes and fittings.

(2) Conduit or cable shall not run directly from vault to vault, but only from the switch to the lighting fixture within the vault.

(3) Conduit shall be sealed off near the switch enclosure with a fitting and compound approved for the purpose.

#### 48-022 Film-Vault Wiring Method

(1) Lighting fixtures in film-vaults shall be of the explosion-proof type approved for use in Class 1, Group C hazardous locations and shall have metal cages or guards protecting the globes.

(2) The fixtures shall be located as close as practicable to the ceiling so as not to be liable to damage through handling of film containers.

#### 48-026 Film-Vault Circuits

(1) Fixtures shall be controlled by a double-pole switch located outside the film-vault.

(2) A red pilot light shall be provided to indicate when the switch is closed and shall be located outside the film-vault.

(3) Wiring shall be arranged so that when the switch is off, all conductors within the film-vault will be dead.

#### Motion Picture Projection Rooms

**48-028 Flexible Cords in Projection Rooms.** Type S, SJ, SO, ST or K flexible cords shall be used on portable equipment in motion picture projection rooms.

**48-030 Lamps in Projection Rooms.** Incandescent lamps in projection rooms or booths shall be provided with an approved lamp guard unless otherwise protected by noncombustible shades or other enclosures.

**48-034 Ventilation.** All projection rooms shall be provided with exhaust ventilation fans sufficient to give a complete change of air every three minutes, and these fans shall be controlled from inside the projection room.

### SECTION 50—DATA PROCESSING SYSTEM

#### SECTION 52—X-RAY INSTALLATIONS

##### 52-000 Scope

(1) This Section applies to the installation of X-ray equipment operating at any frequency, and is supplementary to or amendatory of the general requirements of this Code.

(2) Nothing in this Section shall be construed as specifying safeguards against direct, stray or secondary X-ray radiation.

##### 52-002 High Voltage Guarding

(1) High-voltage parts shall be mounted within enclosures of grounded metal except when installed in separate rooms or enclosures where a suitable switch shall be:

- (a) Provided to control the circuit supplying the X-ray equipment; and



- (b) Arranged so that it will necessarily be open except while the door of the room or enclosure is locked from the outside.
- (2) High-voltage parts of X-ray equipment may be mounted within enclosures of insulating material.
- (3) Conductors in the high-voltage circuits shall be of the shock-proof type.
- (4) Leads on fluoroscope tables shall be adequately insulated or be provided with barriers which will guard against inadvertent contact.

**52-004 Millimeter.** If a millimeter is provided it shall be:

- (a) Connected, if practicable in the grounded lead; or
- (b) Guarded if connected in the high-voltage lead.

#### **52-006 Connections to Supply Circuit**

(1) Permanently installed X-ray apparatus shall be connected to the power supply by means of a wiring method meeting the general requirements of this Code, except that apparatus properly supplied by branch circuits not larger than a 30-ampere branch circuit may be supplied through a suitable plug and heavy duty cable or cord.

(2) Transportable X-ray apparatus of any capacity may be connected to its power supply by suitable temporary connections and heavy duty cable or cord.

#### **52-008 Disconnecting Means**

(1) A disconnecting means of adequate capacity shall be provided in a location readily accessible from the X-ray control.

(2) For apparatus requiring a 115-volt branch circuit fused at 30 amperes or less, a plug and receptacle of proper size may serve as a disconnecting means.

#### **52-010 Transformers and Capacitors**

(1) Transformers and capacitors forming a part of an X-ray equipment shall not be required to conform to the requirements of Section 26 of this Code.

(2) Capacitors shall be provided with an automatic means for discharging and grounding the plates whenever the transformer primary is disconnected from the source of supply, unless all current-carrying parts of the capacitors and of the conductors connected therewith are:

- (a) At least 8 feet from the floor, and are inaccessible to unauthorized persons; or
- (b) Within enclosures of grounded metal or insulating material if within 8 feet from the floor.

#### **52-012 Control**

(1) For stationary equipment, the low-voltage circuit of the step-up transformer shall contain a circuit breaker which:

- (a) Has no exposed live parts;
- (b) Protects the radiographic circuit against fault conditions under all operating conditions;
- (c) Is installed as a part of the equipment or directly adjacent thereto; and

(d) Is manually operable or else at least one other manually operable switch is provided in the low-voltage circuit of the step-up transformer, either as part of the equipment or directly adjacent thereto.

(2) Where in Subrule (1) the design of the step-up transformer is such that branch fuses having a current rating lower than the current rating of the circuit breaker are required for adequate protection for fluoroscopic and therapeutic circuits, they shall be added for protection of these circuits.

(3) For portable equipment, the requirements of Subrules (1) and (2) shall apply but the circuit breaker shall be located in or on the equipment except that no circuit breaker is required when the high voltage parts including the X-ray tube are within a single metal enclosure which is provided with a means for grounding.

(4) Medical X-ray equipment shall, in addition to complying with the requirements of Subrules (1), (2) and (3) as applicable, be provided with controlling means as follows:

- (a) For the radiographic type, a timer shall be provided and controlled by a switch which shall be designed to open automatically except when held closed by the operator;
- (b) For the fluoroscopic type, a switch shall be provided which shall be designed to open automatically except when held closed by the operator;
- (c) For the therapeutic type, a timer shall be provided which is not of the repeating type.

(5) Industrial X-ray equipment of the radiographic and fluoroscopic types shall, in addition to complying with the requirements of Subrules (1), (2), and (3) as applicable, be provided with a timer or a manual switch to open and close the circuit at the option of the operator.

(6) Where switches operated by foot pressure are used with industrial X-ray equipment, the contact button shall be provided with a shield to avoid accidental closing unless the equipment is of the fully enclosed shockproof type.

(7) Where switches operated by foot pressure are used with equipment for radiographic work, the foot switch shall return automatically to the X-ray off position when foot pressure is removed.

(8) Where more than one piece of equipment is operated from the same high-voltage circuit, each piece or each group of equipment as a unit, shall be provided with a high-voltage switch or equivalent disconnecting means.

**52-014 Grounding.** Non-current-carrying parts of tube stands, fluoroscopes and other apparatus shall be grounded in conformity with the requirements of Section 10.

### **SECTION 54—RADIO AND TELEVISION INSTALLATIONS**

#### **54-000 Scope**

(1) This Section is supplementary to or amendatory of the general requirements of this Code and applies to:

- (a) Equipment for the reception of radio and television broadcast transmission;

(b) Equipment employed in the normal operation of a radio station licensed by the Government of Canada as an experimental amateur radio station; and

(c) Wire television distribution systems.

(2) This Section does not apply to equipment and antennas used for broadcast transmission and for coupling carrier current to power line conductors.

(3) In Subrule (2) "broadcast" means one-way communication in other than wire television distribution systems.

**54-002 Receiving Equipment and Amateur Transmitting Equipment Rules.** Rules 54-004 to 54-034 apply to:

(a) Radio and television receiving equipment; and

(b) Amateur radio transmitting equipment.

### Protectors

#### 54-004 Lightning Arresters, Receiving Stations

(1) Lightning arresters shall be provided for each lead-in conductor to receiving stations from an outdoor antenna, except where the lead-in conductors are protected from the antenna to the point of entrance to the building by a continuous metal shield that is:

(a) Grounded; or

(b) Provided with a lightning arrester.

(2) Lightning arresters for receiving stations shall be located outside the building, or inside the building between the point of entrance of the lead-in and the radio set or transformer, and as near as practicable to the entrance of the conductors to the building.

(3) Lightning arresters for receiving stations shall not be located near combustible material nor in a hazardous location.

**54-006 Lightning Arresters, Transmitting Stations.** Each conductor of a lead-in to a transmitting station from an outdoor antenna shall be provided with a lightning arrester or other suitable means which will drain static charges from the antenna system except:

(a) Where protected by a continuous metallic shield which is grounded; or

(b) Where the antenna is grounded.

### Grounding Conductors

**54-008 Material for Grounding Conductor.** The grounding conductor shall be of copper, aluminum alloy, copper-clad steel, bronze or other corrosion-resistant material unless otherwise specified.

**54-010 Insulation of Grounding Conductor.** The grounding conductors may be uninsulated.

**54-012 Support for Grounding Conductor.** The grounding conductors shall be securely fastened in place and may be directly attached to the surface wired over without the use of insulating supports.

**54-014 Mechanical Protection of Grounding Conductor.** The grounding conductor shall be protected where exposed to mechanical injury.

**54-016 Grounding Conductor to be Run in a Straight Line.** The grounding conductor shall be run in as straight a line as is practicable from the lightning arresters or antenna mast, or both, to the grounding electrode.

**54-018 Ground Electrode.** The grounding conductor shall be connected to a grounding electrode as specified in Section 10.

**54-020 Grounding Conductors, Inside or Outside Building.** The grounding conductors may be run either inside or outside the building.

**54-022 Size of Protective Ground.** The size of the protective grounding conductor for receiving and transmitting stations providing ground connection for mast and lightning arrester shall be in accordance with Section 10.

**54-024 Common Ground.** A single grounding conductor may be used for both protective and operating purposes, but must be installed so that disconnection of the operating ground will not affect the protective ground circuit.

**54-026 Radio Noise Suppressors.** Radio interference eliminators, interference capacitors or radio noise suppressors connected to power supply leads shall be of a type approved for the purpose and shall not be exposed to mechanical injury.

### Transmitting Stations

**54-028 Enclosure of Transmitters.** Transmitters shall be enclosed in a metal frame or grille, or thoroughly shielded or separated from the operating space by a barrier or other equivalent means.

**54-030 Grounding of Transmitters.** All exposed metallic parts of transmitters including external metallic handles and controls accessible to the operating personnel and accessories such as microphone stands, shall be grounded.

**54-032 Interlocks on Doors of Transmitters.** All access doors of transmitters shall be provided with interlocks which will disconnect all voltages in excess of 250 volts when any access door is opened.

**54-034 Amplifiers.** Audio-amplifiers which are located outside the transmitter housing shall be suitably housed and shall be located so as to be readily accessible and adequately ventilated.

### Wire Television Distribution Systems

**54-036 Wire Television Distribution System Rules.** Rules 54-038 to 54-086 apply to wire television distribution systems.

**54-038 Material.** The coaxial cable or other types of cable or wire used in wire television distribution systems shall be acceptable for the purpose.

**54-040 Supports.** Where coaxial cable or other types of cable or wire are attached to, or supported on, buildings, the attachment or supporting fixtures shall be acceptable for the purpose.

**54-042 Hazardous Locations.** Where the circuits or apparatus within the scope of this Section are installed in hazardous locations, they shall also comply with the applicable rules of Section 18.



**54-044 Provision of Protectors**

(1) A protector acceptable for the purpose shall be provided on each wire television distribution circuit unless:

- (a) The television distribution cable has an effectively grounded metallic sheath or effectively grounded outer conductor of a coaxial cable; and

- (b) The metallic sheath of the television distribution cable or outer conductor of a coaxial cable is connected to ground at entrances to buildings in accordance with Rules 54-076, 54-078, 54-080 and 54-082.

(2) The protector shall be located in, or on, the building served, as near as practicable to the point at which the cable or wire enters, but, in the case of an underground entrance fed from aerial cable or wires, the protector may be placed at the junction of the underground and the aerial conductors.

(3) The protector shall not be located in any hazardous location as defined in Section 18, nor in the immediate vicinity of flammable or explosive materials.

(4) If the entire street circuit is run underground, no protector need be provided unless that portion of the circuit between the street and the building is liable to accidental contact with electric lighting or power conductors operating at a voltage exceeding 300 volts between conductors.

**54-046 Protection Requirements**

(1) The protector shall be mounted on an incombustible, absorption-resistant, insulating base except that, where a number of conductors are grouped to serve a building, the protectors may be mounted on a grounded metallic frame.

(2) The protector shall consist of an arrester between each line conductor and the ground, and a fuse connected in each line conductor so as to protect the arrester, except that the fuses may be omitted under the conditions outlined in Subrule (4).

(3) The protector terminals shall be plainly marked to indicate "line", "equipment" and "ground".

(4) Fuses protecting the arrester may be omitted:

- (a) On circuits entering a building through metal-sheathed cable, provided the metal sheath of the cable is grounded and the conductors in the cable are No. 24 AWG copper or smaller or No. 22 AWG aluminum or smaller; or

- (b) On circuits served directly by cables with grounded metal sheath or by insulated conductors, in accordance with Rules 54-062 and 54-064, extending from such cable to the building served, provided that the protector is acceptable for this purpose.

**54-048 Arrangement of Inside Cables or Conductors**

(1) Cables or conductors inside buildings shall be neatly arranged and secured in place in a convenient and workmanlike manner.

(2) The installation of such cables or conductors shall be in conformity with the provisions of Rules 54-050 to 54-052.

**54-050 Insulation of Inside Cables or Conductors.**

The kind of insulation for the cables or conductors of the wire television distribution system, located as in Rule 54-048, shall be acceptable for the particular application, but is not specified in further detail as reliance is placed upon the grounding arrangements or protectors to prevent dangerous voltages and currents where the conductors are liable to contact with power conductors.

**54-052 Separation of Inside Cables or Conductors from Other Conductors**

(1) The cables or conductors of a wire television distribution system in a building shall be separated at least 2 inches from any conductor of an electric light or power system unless:

- (a) One system is in grounded metallic raceways or metal-sheathed cable; or

- (b) Both systems are permanently separated by a continuous, firmly fixed non-conductor, other than the insulation on the conductors, such as porcelain tubes or flexible tubing.

(2) The cables or conductors of a wire television distribution system shall not be placed in any outlet box, junction box, raceway or similar fitting or compartment which contains conductors of electric light or power systems or of Class 1 circuits (as defined in Rule 16-004) unless:

- (a) The wire television cables or conductors are separated from the other conductors by an acceptable partition; or

- (b) The power or Class 1 conductors are placed solely for the purpose of supplying power to the wire television distribution system or for connection to remote-control equipment.

(3) The cables or conductors of a wire television distribution system in a building shall not be placed in a shaft with the conductors of an electric light or power system unless:

- (a) The conductors of the two systems are separated by at least 2 inches; or

- (b) The conductors of either system are encased in non-combustible tubing.

(4) There is no specific separation requirement for wire television distribution cable or conductors and communication cables or conductors other than the clearance necessary to prevent conflict or abrasion, providing the wire television distribution cables or conductors and the communication cable or conductor adhere to standard clearances from power circuits as defined in this Section.

**54-054 Inside Cables or Conductors in a Vertical Run.** Where cables or conductors of a wire television distribution system in a building are in a vertical run in a shaft or partition, they shall:

- (a) Have a flame-retardant covering capable of preventing the carrying of fire from floor to floor;

- (b) Be encased in tubing or other outer covering of non-combustible material; or

- (c) Be located in a fireproof shaft having fire stops at each floor.



**54-056 Outside Overhead Cables or Conductors on Poles.** The installation of overhead wire television distribution cables or conductors on poles in proximity with power or communication conductors or cables, shall be established in conformity with the provisions of Part III of the Canadian Electrical Code, or other appropriate regulations which may be in effect for the location concerned.

**54-058 Outside Overhead Cables or Conductors on Roofs**

(1) Wire television cables or conductors passing over buildings shall be kept at least 8 feet above any roof which may be readily walked upon, except that such clearance may be reduced or eliminated by special permission.

(2) Such special permission shall not be necessary where the building is a garage, or other auxiliary building of one storey.

**54-060 Outside Cables or Conductors Requiring Protectors.** Wire television distribution circuits which require protectors in accordance with Rule 54-044 of this Code, shall comply with Rules 54-062 to 54-068.

**54-062 Insulation on Outside Single or Paired Conductors**

(1) In a wire television distribution circuit requiring a protector, each conductor from the last outside support to the protector shall be covered, either individually or over the pair, with a substantial fibrous covering or equivalent protection and shall:

- (a) Have 1/32-inch rubber insulation;
- (b) Have rubber insulation which need not exceed 1/40 inch in thickness when such conductors are entirely within a block; or
- (c) Be acceptable for the purpose, having rubber insulation of a thickness less than specified above, or having other kinds of insulation.

(2) The word "block" as used in this Section of the Code shall be construed to mean a square or portion of a city, town, or village enclosed by streets and including the alleys so enclosed, but not any street.

**54-064 Insulation of Outside Cables**

(1) Conductors of wire television distribution circuits requiring protectors may have paper or other suitable insulation within a cable having:

- (a) A metal sheath; or
- (b) A rubber sheath of at least 1/32-inch thickness and covered with a substantial fibrous covering.

(2) Conductors of wire television distribution circuits requiring protectors, within a cable having a sheath other than specified in Subrule (1), shall be insulated as required by Rule 54-062, and the bunched conductors shall be covered with a substantial fibrous covering or equivalent covering.

**54-066 Outside Cables or Conductors on Buildings**

(1) Wire television distribution cables or conductors on buildings shall be separated from light or power conductors not in cable or conduit by at least 4 inches, unless permanently separated by a continuous and

firmly fixed non-conductor in addition to the insulation on the conductors, such as porcelain tubes or flexible conduit.

(2) Wire television distribution cables or conductors exposed to accidental contact with light or power conductors operating at voltages exceeding 300 volts, and attached to buildings, shall be separated from woodwork by being supported on glass, porcelain, or other insulating material acceptable for the purpose, except that such separation is not required where cables or conductors acceptable for the purpose are used to extend circuits to a building from a cable having a grounded metal sheath or grounded outer coaxial cable conductor.

(3) Wire television distribution cables or conductors attached to buildings shall not conflict with the circuits of other communication systems attached to the same building and sufficient clearances shall be provided that there will no be unnecessary interference to maintenance operations, and in no case should the conductors, cables, strand, or equipment of one system cause abrasion to the conductors, cables, strand, or equipment of the other system.

(4) Lead-in cables or conductors of a wire television distribution system, attached to buildings, shall be installed so that they cannot swing closer than:

- (a) 24 inches to the conductors of circuits of 300 volts or less;
- (b) 40 inches to the conductors of circuits of more than 300 volts.

**54-068 Outside Cables or Conductors Entering Buildings.** Where a protector is installed inside the building, the wire television distribution cables or conductors shall enter the building either through a non-combustible, non-absorptive insulating bushing, or through a metal raceway, except that the insulating bushing or metal raceway may be omitted where the entering conductors:

- (a) Are in metal-sheathed cable;
- (b) Pass through masonry; or
- (c) Are acceptable for the purpose and are used to extend circuits to a building from a cable having a grounded metal sheath.

**54-070 Lightning Conductors.** A separation of at least 6 feet shall, where practicable, be maintained between cables or conductors of wire television distribution systems on buildings and lightning conductors.

**54-072 Underground Ducts**

(1) Underground wire television distribution cables or conductors shall not be placed in any duct which contains electric lighting or power conductors.

(2) Duct systems, including laterals, to be occupied by wire television distribution cables or conductors for public use should be separated, where practicable, from duct systems, including laterals, for supply conductors by not less than 3 inches of concrete, 4 inches of brick masonry, or 12 inches of well-tamped earth.

(3) Where wire television distribution conductors or cables occupy ducts terminating in the same manhole or handhole, the two classes of ducts should be separated as widely as practicable and, where practicable, shall enter the manhole from opposite sides.

(4) Wire television distribution cables and supply cables for public use occupying the same manhole should, where practicable, be maintained at opposite sides of the manhole.

**54-074 Underground Block Distribution.** Where the entire street circuit is run underground and the part of the circuit within the block is placed so that it is not liable to contact with electric lighting or power circuits of more than 300 volts:

- (a) No protector as specified in Rule 54-044 is required, and Rule 54-064 shall not apply;
- (b) The insulation requirements of Rules 54-062 and 54-064 shall not apply;
- (c) Conductors or cables need not be placed on insulating supports as specified in Rule 54-066 (2); and
- (d) Where the conductors or cables enter the building, no bushings as specified in Rule 54-084 are required.

**54-076 Ground of Cable Sheath or Outer Conductor of a Coaxial Cable.** Where cables, either aerial or underground, enter buildings, the metal sheath of the cable or outer conductor of a coaxial cable shall be grounded on the building premises as close to the point of entrance as practicable.

#### 54-078 Grounding Conductor

(1) The grounding conductor for a cable sheath, outer conductor of a coaxial cable or protector, shall have rubber insulation not less than 1/32-inch in thickness, and shall be covered by a substantial fibrous covering except that conductors acceptable for the purpose, having less than 1/32-inch rubber insulation, or having other kinds of insulation, may be used.

(2) The grounding conductor shall be of copper.

(3) Protector grounding conductors shall be not smaller than No. 18 AWG.

(4) Sheath or outer conductor of coaxial cable grounding conductors shall have a conductivity at least equal to that of the metallic sheath, or the outer conductor of the coaxial cable, and shall be connected to the metallic sheath, or outer conductor of the coaxial cable, by means of pressure connectors or other acceptable means.

(5) The grounding conductor shall be run from the cable sheath, outer conductor of a coaxial cable, or protector to the grounding electrode in as straight a line as possible.

(6) Where necessary, the grounding conductor shall be guarded from mechanical injury.

#### 54-080 Grounding Electrode

(1) The grounding conductor shall be connected to a metallic water pipe electrode, as close to the point of entrance as possible.

(2) Where a metallic water pipe is not available and the grounded conductor of the power service is connected to the water pipe at the building, the cable sheath, outer conductor of a coaxial cable or protector, grounding conductors may be connected to the power service conduit, service equipment enclosures, or to the grounding conductor of the power service.

(3) In the absence of a metallic water pipe, the wire television distribution cable sheath, the outer conductor of a coaxial cable, or the protector may be connected to an effectively grounded metallic structure, or to a ground rod or pipe driven into permanently damp earth, but steam or hot-water pipes, gas pipes or lightning rod conductors shall not be used as grounding electrodes.

(4) In areas where there is no underground metallic water systems, wire television distribution, telephone, and power ground rods shall be interconnected:

- (a) With a bond wire or wires having greater conductivity than that of the power grounding conductor;
- (b) To the power service equipment enclosure, if this conduit or equipment enclosure is connected to the power service multi-grounded neutral conductor; and
- (c) To the grounding conductor of the power service, if the power service is of the multi-grounded neutral type.

#### 54-082 Grounding Electrode Connection

(1) The grounding conductor shall be attached to a grounding electrode by means of an approved bolt clamp except, in the case of a ground rod, a wire lead may be permanently connected to the rod in a manner specified in CSA Standard C83-1970, Communication and Power Line Hardware, and this wire lead connected to the grounding conductor by means of pressure connectors or other acceptable means.

(2) Where a bolt clamp is used, the grounding conductor shall be acceptably connected to the clamp in an effective manner.

#### 54-084 Cables or Conductors Extending from Building to Building

(1) This type of construction should only be used within the confines of private property.

(2) Cables or conductors extending between buildings shall always be run below any power conductors which may exist in this space.

(3) Cables or conductors extending between buildings shall be installed so they cannot swing closer than:

- (a) 24 inches to the conductors of power or lighting circuits of 300 volts or less;
- (b) 40 inches to the conductors of power or lighting circuits of more than 300 volts;
- (c) 24 inches to the conductors of any other communication circuits.

(4) Cables or conductors extending between buildings shall have acceptable clearances above ground and shall conform to the Canadian Electrical Code, Part III.

(5) Cables or conductors extending between buildings, and their supports or attachment fixtures, shall be acceptable for the purpose and shall have sufficient strength to withstand the loads to which they may be subjected, except that, when conductors or cables do not have sufficient strength to be self-supporting, they shall be lashed to a supporting strand which, together with its attachment fixtures or supports, shall be acceptable for the purpose, and shall have sufficient strength to withstand the loads to which it may be subjected.



(6) Part III of the Canadian Electrical Code shall serve as a standard from which the adequacy of the strength of construction may be determined.

#### **54-086 Wire Television Distribution Amplifiers**

(1) Wire television distribution amplifier cabinets and chassis, cable sheath, or outer conductor of coaxial cable and the metallic conduit, or metallic cable sheath enclosing the power service wire connection to the amplifier, must all be connected to the supply multi-grounded neutral using No. 6 AWG copper wire.

(2) The conduit or metallic cable sheath, enclosing the power service wire connection to the amplifier, may be used as part of this connection to the supply multi-grounded neutral conductor if it has an ampacity equivalent to No. 6 AWG copper wire.

(3) Wire television distribution amplifier cabinets shall be provided with locks if they are so mounted as to be accessible to the public.

#### **SECTION 56—SMALL ISOLATED PLANTS**

**56-000 Scope.** This Section applies to

(a) Electric power plants in which:

(i) A prime mover is connected to an electric generator operating at a potential difference of less than 50 volts; or

(ii) A storage battery is the source of supply; and

(b) The control devices used in the plants;

and is supplementary to or amendatory of the general requirements of this Code.

**56-002 Lampholders.** Lampholders shall be rated 660 watt, 250 volt, and shall be considered to have a maximum rating of  $3\frac{1}{2}$  amperes.

#### **56-004 Conductors**

(1) No conductors shall have an ampacity less than that of No. 12 AWG copper wire, but a flexible cord which supplies a single lampholder may be of No. 14 AWG copper.

(2) The sizes of conductors used shall be those specified in Tables 1, 2, 3 or 4.

**56-006 Number of Outlets on Branch Circuits.** There shall be not more than 8 outlets on a branch circuit.

**56-008 Branch Circuit Capacity.** In determining the size of conductors required, each lampholder shall be considered as loaded to not less than 2 amperes.

**56-010 Branch Circuit Overcurrent Protection.** The overcurrent devices which protect branch circuits shall be rated or set at not more than 20 amperes.

#### **56-012 Devices over 5 Amperes**

(1) No device rated at more than 5 amperes shall be connected to a branch circuit which supplies incandescent lamps.

(2) A device rated at more than 5 amperes shall be supplied from a branch circuit used for no other purpose and equipped with receptacles rated at not less than 20 amperes.

**56-014 Batteries.** Batteries shall be kept in rooms or spaces having natural means of ventilation.

#### **SECTION 58—FUR STORAGE VAULTS**

**58-000 Scope.** This Section applies to electrical equipment and installations in fur storage vaults and is supplementary to or amendatory of the general requirements of this Code.

**58-002 Electrical Equipment in Storage Vaults.** Electrical equipment in storage vaults shall be limited to:

(a) Supply conduits or cable;

(b) Lighting fixtures;

(c) Burglary, fire-detection and fire-extinction systems;

(d) Ventilation motors, refrigeration and air conditioning and air circulating or blower motors, all of which shall comply with Rule 58-012; and

(e) Such other equipment as may be necessary to the proper utilization of the storage vault.

#### **58-004 Wiring Method**

(1) The wiring method in storage vaults shall be rigid conduit, mineral-insulated cable or aluminum-sheathed cable except that, where a flexible connection is required, a short length of flexible conduit may be used.

(2) Conduits shall be joined with threaded fittings.

(3) Outlet or junction boxes or other wiring enclosures shall have threaded hubs which provide at least three full threads for the attachment of conduit or cable fittings.

**58-006 Portable Lamps, etc.** Portable lamps, portable heaters, extension cords, or pendent cords shall not be used in storage vaults.

#### **58-008 Lighting Fixtures**

(1) Where incandescent lighting fixtures are installed in a storage vault they shall be of the totally-enclosed gasketed type to safeguard against possible discharge of sparks or hot particles.

(2) Lighting fixtures shall be located so that their lamps shall be at least 12 inches from the stored garments and fumigant evaporating trays and shall not be located directly above such trays.

(3) Where fluorescent fixtures are installed, each ballast including its power factor correcting capacitor, shall be inherently protected by suitable temperature limiting devices.

#### **58-010 Lighting Branch Circuits**

(1) Lighting branch circuits in a storage vault shall be controlled by a switch located outside the vault, but near the entrance thereto.

(2) A switch controlling a lighting circuit in a storage vault shall be provided with a red-coloured pilot light located outside the vault so as to be visible to an attendant.



(3) Where a master switch is arranged to control all lighting circuits in one or more storage vaults, then only one pilot light shall be required for the master switch.

(4) Where a lighting circuit is protected by a fuse, a Type S tamper-resistant fuse shall be used.

#### 58-012 Motors

(1) Only motors essential to operation shall be located in a storage vault and such motors shall be of the totally-enclosed type, protected integrally against overheating by a manual re-set device approved for use with the particular motor involved.

(2) Refrigeration and air-conditioning units, including compressors, and motors shall not be located in a storage vault unless the refrigerant is non-flammable and the unit is approved as a self-contained assembly designed for permanent installation.

(3) Where a motor is used to exhaust fumes or smoke from a vault its controller shall be located outside the vault and its function shall be conspicuously identified for the benefit of the Fire Department.

(4) All refrigeration systems, air conditioning systems, blowers and fans serving a storage vault shall be cut off automatically on actuation of an automatic fire detection or protection system installed within the vault.

### SECTION 60—ELECTRICAL COMMUNICATION SYSTEMS

#### Scope

##### 60-000 Scope

(1) This Section applies to electrical communication systems, that is to telephone, telegraph, district messenger, fire and burglar alarm, watchman or sprinkler supervisory systems, and other central station systems of a similar nature, which commonly receive the power supply necessary for their operation from central office or local power sources; and to telephone systems not connected to a central station system but using similar types of equipment, methods of installation and maintenance, and is supplementary to or amendatory of the general requirements of the Code.

(2) This Section outlines those protective measures which are essential to safeguard electrical communications systems under the various conditions to which they are subjected.

(3) This Section does not apply to radio communication equipment.

#### General

**60-002 Circuits in Communication Cables.** Remote-control circuits and signal circuits which use conductors in a cable assembly with other conductors forming parts of communication circuits are, for the purposes of this Code, deemed to be communication circuits.

**60-100 Circuits in Communication Cables.** Remote-control circuits and signal circuits which use conductors in a cable assembly with other conductors forming parts of communication circuits are, for the purposes of this Code, deemed to be communication circuits.

**60-102 Hazardous Locations.** Where the circuits or apparatus within the scope of this Section are installed in hazardous locations, they shall also comply with the applicable rules of Section 18.

#### 60-104 Approval of Inspector

(1) Communication circuits employed by an electrical or communication utility in the exercise of its function as a utility shall not be subject to the approval of an inspector.

(2) Where the communication circuit derives power for operation from a supply circuit, the transformer or other current-limiting device used at the junction of the communication and the supply circuit shall be subject to the approval of an inspector.

**60-106 Approved Transformers.** Where transformers or other devices supply current to a communication circuit from an electric supply circuit, the transformers or other devices shall be of a type approved for the service.

#### Protection

##### 60-200 Provision of Protectors

(1) A protector, acceptable for the purpose, shall be provided on each communication circuit, except as provided in Subrule (4).

(2) The protector shall be located in or on the building served as near as practicable to the point at which the conductors enter.

(3) The protector shall not be located in any hazardous location as defined in Section 18, nor in the immediate vicinity of flammable or explosive materials.

(4) If the entire street circuit is run underground, no protector need be provided unless that portion of the circuit between the street and the building is liable to accidental contact with electric lighting or power conductors operating at a potential exceeding 300 volts between conductors.

##### 60-202 Protector Requirements

(1) The protector shall be mounted on an incombustible, absorption-resisting, insulating base except that, where a number of conductors are grouped to serve a building, the protectors may be mounted on a grounded metallic frame.

(2) The protector shall consist of an arrester between each line conductor and the ground, and a fuse connected in each line conductor so as to protect the arrester, except that the fuses may be omitted under the conditions outlined in Subrule (4).

(3) The protector terminals shall be plainly marked to indicate "line", "instrument" and "ground".

(4) Protectors without fuses may be used:

- (a) On circuits which enter a building through metal-sheathed cable, or through a non-metallic sheathed cable having a metal grounding shield between the sheath and the conductor assembly, provided the metal sheath or shield of the cable is grounded and the conductors in the cable shall safely fuse at currents less than the ampacity of the protector and the protector grounding conductor;

(b) On circuits served by insulated conductors, in accordance with Rules 60-506 and 60-508, extending to a building from a metal-sheathed cable or from a non-metallic sheathed cable having a metal grounding shield between the sheath and the conductor assembly provided the metal sheath or shield is grounded and the conductors in the cable shall safely fuse at currents less than the ampacity of the protector, the associated insulated conductors, and the protector grounding conductor;

(c) On circuits served by insulated conductors, in accordance with Rules 60-506 and 60-508, extending to a building from other than grounded metal-sheathed cable, or non-metallic sheathed cable having a grounded metal grounding shield between the sheath and the conductor assembly, provided;

(i) The protector is acceptable for this purpose;

(ii) The protector grounding conductor is grounded to a water pipe electrode or to the grounding conductor or grounding electrode of a multi-grounded neutral power system; and

(iii) The connections of the insulated conductors extending from the building to the exposed plant, or the conductors of the exposed plant, shall safely fuse at currents less than the ampacity of the protector, the associated insulated conductors and the protector grounding conductor.

### Inside Conductors

#### 60-300 Arrangements of Conductors

(1) Conductors on the consumer's or subscriber's side of the protector and conductors inside buildings in which no protector is provided shall be neatly arranged and secured in place in a convenient and workmanlike manner.

(2) The installation of such conductors shall be in conformity with the provisions of Rules 60-302 to 60-306.

(3) In all buildings where the number of communication conductors warrants such a procedure or where raceways are required for lighting and power, consideration shall be given to the provision of suitable raceways or conduit for the service to and distribution of communication circuits for the building.

**60-302 Insulation.** The kind of insulation for the conductors of communication system, located as in Rule 60-300, shall be acceptable for the particular application, but is not specified in further detail, as reliance is placed upon the protectors to prevent dangerous voltages and currents where the conductors are liable to contact with power conductors.

#### 60-304 Separation from Other Conductors

(1) The conductors of an electrical communication system in a building shall be separated at least 2 inches from any insulated conductor of an electric light or power system operating at 300 volts or less, and shall be separated at least 2 feet from any insulated conductor of an electric light or power system operating at more than 300 volts unless:

(a) One system is in grounded metallic raceways or metal-sheathed cable; or

(b) Both systems are permanently separated by a continuous, firmly fixed non-conductor, other than the insulation on the conductors, such as porcelain tubes or flexible tubing.

(2) The clearances given in Subrule (1) shall, for any voltage, be increased to provide adequate working space if the power conductors are bare.

(3) The conductors of an electrical communication system shall not be placed in any outlet box, junction box, raceway, or similar fitting or compartment which contains conductors of electric light or power systems or of Class 1 circuits (as defined in Rule 16-004) unless:

(a) The communication conductors are separated from the other conductors by an acceptable partition; or

(b) The power or Class 1 conductors are placed solely for the purpose of supplying power to the communication system, or for connection to remote control equipment, except that no communication conductors installed in an outlet box, junction box, raceway, or similar fitting or compartment which contains such conductors of power or Class 1 circuits shall show a green-coloured insulation, unless such communication conductor is completely contained within a sheathed- or jacketed-cable assembly throughout the length that is present in such raceways or enclosures.

(4) The conductors of an electrical communication system in a building shall not be placed in a shaft with the conductors of an electric light or power system unless:

(a) The conductors of the two systems are separated by at least 2 inches; or

(b) The conductors of either system are encased in noncombustible tubing.

**60-306 Conductors in a Vertical Run.** Where conductors of communication circuits in a building are in a vertical run in a shaft or partition, they shall:

(a) Have a flame-retarding covering capable of preventing the spreading of fire from floor to floor; or

(b) Be encased in tubing or other outer covering of non-combustible material; or

(c) Be located in a fireproof shaft having fire stops at each floor.

#### 60-308 Communication Cables in Hoistways

(1) Special permission shall be required to install communication conductors in hoistways.

(2) All conductors, except travelling cables, shall be totally enclosed in continuous metal raceway.

(3) Pullboxes required for communication interconnection shall be located outside the hoistway.

### Equipment

**60-400 Communication Equipment in Bathrooms.** Communication equipment in bathrooms shall be so located that no part of it may be reached or used from the bath or shower enclosure.



### Outside Conductors

**60-500 Overhead Conductors on Poles.** The installation of overhead communication conductors on poles in proximity with power conductors shall be established in conformity with the provisions of Part III of the Canadian Electrical Code.

### 60-502 Overhead Conductors on Roofs

(1) Communication conductors passing over buildings shall be kept at least 8 feet above any roof which may be readily walked upon.

(2) Communication conductors shall not be attached to the upper surfaces of roofs or be run within 6 feet, measured vertically, of a roof without special permission.

(3) Special permission shall not be necessary where the building is a garage or other auxiliary building of one storey.

**60-504 Circuits Requiring Protectors.** Communication circuits which require protectors in accordance with Rule 60-200 of this Code shall comply with Rules 60-506 to 60-512.

### 60-506 Insulation, Single or Paired Conductors

(1) In a communication circuit requiring a protector, each conductor from the last outdoor support to the protector shall be covered, either individually or over the pair, with a substantial fibrous covering or equivalent protection and shall:

- (a) Have 1/32-inch rubber insulation; or
- (b) Have rubber insulation which need not exceed 1/40 inch in thickness when such conductors are entirely within a block; or
- (c) Shall be conductors acceptable for the purpose, having rubber insulation of a thickness less than specified above, or having other kinds of insulation.

(2) The word "block" as used in this Section of the Code shall be construed to mean a square or portion of a city, town, or village enclosed by streets and including the alleys so enclosed but not any street.

### 60-508 Cable Insulation

(1) Conductors of communication circuits requiring protectors may have paper or other suitable insulation within a cable having:

- (a) A metal sheath; or
- (b) A non-metallic sheath having a metal ground-  
ing shield between the sheath and the con-  
ductor assembly; or
- (c) A rubber sheath at least 1/32 inch thick and covered with a substantial fibrous covering.

(2) Conductors, of communication circuits requiring protectors, within a cable having a sheath other than specified in Subrule (1), shall be insulated as required by Rule 60-506, and the bunched conductors shall be covered with a substantial fibrous covering or equivalent covering.

### 60-510 On Buildings

(1) Communication conductors on buildings shall be separated from light or power conductors not in cable or conduit by at least 4 inches unless permanently separated by a continuous and firmly fixed non-conductor in addition to the insulation on the conductors, such as porcelain tubes or flexible tubing.

(2) The clearances given in Subrule (1) shall, for any voltage, be increased to provide adequate working clearance if the power conductors are bare.

(3) Communication conductors exposed to accidental contact with light or power conductors operating at voltages exceeding 300 volts, and attached to buildings, shall be separated from woodwork by being supported on glass, porcelain, or other insulating material acceptable for the purpose, except that such separation is not required where fuses are omitted as provided for in Rule 60-202 (4), or where conductors acceptable for the purpose are used to extend circuits to a building from a cable having a grounded metal sheath.

**60-512 Entering Buildings.** Where a protector is installed inside the building, the communication conductors shall enter the building either through a noncombustible, non-absorptive insulating bushing, or through a metal raceway, except that the insulating bushing may be omitted where the entering conductors:

- (a) Are in metal-sheathed cable;
- (b) Pass through masonry;
- (c) Are acceptable for the purpose and fuses are omitted as provided for in Rule 60-202 (4); or
- (d) Are acceptable for the purpose and are used to extend circuits to a building from a cable having a grounded metal sheath.

**60-514 Lightning Conductors.** A separation of at least 6 feet shall, where practicable, be maintained between conductors of communication circuits on buildings and lightning conductors.

### Underground Circuits

#### 60-600 Separate Ducts

(1) Underground communication conductors shall not be placed in any duct which contains electric lighting or power conductors.

(2) Duct systems, including laterals, to be occupied by communication conductors for public use should be separated, where practicable, from duct systems, including laterals, for supply conductors by not less than 3 inches of concrete, 4 inches of brick masonry, or 12 inches of well-tamped earth.

(3) Where communication and supply conductors or cables occupy ducts terminating in the same manhole or handhole, the two classes of ducts should be separated as widely as practicable and where practicable shall enter the manhole from opposite sides.

(4) Communication cables and supply cables for public use occupying the same manhole should, where practicable, be maintained at opposite sides of the manhole.



**60-602 Underground Block Distribution.** Where the entire street circuit is run underground and the part of the circuit within the block is so placed that it is not liable to contact with electric lighting or power circuits of more than 300 volts:

- (a) No protector is required as specified in Rule 60-200;
- (b) The insulation requirements of Rules 60-506 and 60-508 shall not apply;
- (c) Conductors need not be placed on insulating supports as specified in Rule 60-510 (3); and
- (d) Where the conductors enter the building no bushings are required as specified in Rule 60-512.

### Grounding

**60-700 Grounding of Cable Sheath.** Where cables, either aerial or underground, enter buildings, the metal sheath of the cable shall be grounded on the building premises as close to the point of entrance as practicable, or shall be interrupted close to the entrance to the building by an insulating joint or equivalent device.

### 60-702 Protector Grounding Conductor

(1) The protector grounding conductor shall have rubber insulation not less than 1/32 inch thick and shall be covered by a substantial fibrous covering, except that conductors acceptable for the purpose, having less than 1/32 inch rubber insulation, or having other kinds of insulation, may be used.

(2) The grounding conductor shall be of copper, not smaller than No. 18 AWG.

(3) The grounding conductor shall be run from the protector to the grounding electrode in as straight a line as possible.

(4) Where necessary, the grounding conductor shall be guarded from mechanical injury.

### 60-704 Grounding Electrode

(1) The grounding conductor shall preferably be connected to a water pipe electrode, as close to the point of entrance as possible.

(2) Where a water pipe is not readily available and the grounded conductor of the power service is connected to the water pipe at the building, the protector grounding conductor may be connected to the power service conduit, service equipment enclosures, or to the grounding conductor of the power service.

(3) In the absence of a water pipe, the communication protector grounding conductor may be connected to an effectively grounded metallic structure, or to a ground rod or pipe driven into permanently damp earth, but:

- (a) Steam, gas, or hot water pipes, or lightning rod conductors shall not be used as grounding electrodes; and
- (b) A driven rod or pipe used for grounding power circuits shall not be used as a communication protector grounding electrode unless it is connected to the grounded conductor of a multi-grounded power neutral.

(4) Where a driven ground rod or pipe is used as a grounding electrode for an electrical communication system, it shall be separated by at least 6 feet from any other electrode, including those used for power circuits, radio, lightning rods, or any other purpose, with the understanding, however, that nothing in this Rule shall be taken to forbid the bonding together, in accordance with the requirements of Rule 10-702 of the several grounding electrodes that are mentioned in this Subrule.

(5) The normal length of a driven ground rod used as the grounding electrode for a communication station protector is 5 feet, but where the normal rod would not reach moist soil when installed, a rod of suitable additional length shall be used.

### 60-706 Grounding Electrode Connection

(1) The grounding conductor shall be attached to a grounding electrode by means of an approved bolt clamp except that, in the case of a ground rod, a wire lead may be permanently connected to the rod in a manner specified in CSA Standard C83-1970, Communication and Power Line Hardware, and this wire lead connected to the grounding conductor by means of pressure connectors or other acceptable means.

(2) Where a bolt clamp is used, the grounding conductor shall be soldered or otherwise acceptably connected to the clamp in an effective manner.

**60-708 Bonding of Electrodes.** A copper conductor not smaller than No. 6 AWG shall be connected between communication and power grounding electrodes when separate artificial grounding electrodes are required as described in Rule 60-704.

## SECTION 62—FIXED ELECTRIC SPACE AND SURFACE HEATING SYSTEMS

### Scope

#### 62-000 Scope

(1) This Section applies to:

- (a) Fixed electric space heating systems for heating rooms and similar areas; and
- (b) Fixed surface heating systems for pipe heating, melting of snow or ice on roofs or concrete or asphalt surfaces, soil heating and similar applications other than space heating.

(2) The requirements of this Section are additional to or amendatory of the general requirements of this Code.

### General

**62-002 General Rules.** Rules 62-004 to 62-028 apply to both fixed space and surface heating installations.

**62-004 Special Terminology.** In this Section the following definitions apply:

- (a) **Cable set** means a heating conductor and includes the non-heating portion connected to the heating portion;

- (b) **Central unit** means any heating unit (or group of units assembled so as to form a complete unit) permanently installed in such a way that it can convey heat to rooms or areas using air, liquid, or vapour flowing through pipes or ducts, and includes duct heaters;
- (c) **Fixture** means any heating unit (or group of units assembled so as to form a complete unit) permanently installed in such a manner that it can be removed or replaced without removing or damaging any part of the building structure;
- (d) **Surface heating strip system** means a heating system, intended for use on the outside surface of pipes, tanks, ducts, and vessels, consisting of:
  - (i) non-metallic resistance heater strips;
  - (ii) jumper assemblies for inter-connection of two or more runs of strip supplied from one branch circuit;
  - (iii) dead-end fittings; and
  - (iv) a terminal assembly for connection to the branch circuit;
- (e) **Heater strip** means a heating element consisting of a continuous parallel connected heating unit.

**62-006 Special Locations.** Heating equipment installed in hazardous locations or where subject to wet or corrosive conditions shall be of a type approved for the particular location.

#### **62-008 Terminal Connections**

(1) Connections to heating equipment shall be made in terminal fittings or boxes and equipment shall be installed so that connections between circuit conductors and equipment conductors are accessible without disturbing any part of the wiring.

(2) Where the temperature at the point of connection between branch circuit conductors and heating equipment exceeds 60C (140F), the branch circuit conductors shall be installed in accordance with Rule 30-410.

#### **62-010 Branch Circuits**

(1) Branch circuit conductors used for the supply of energy to heating equipment shall:

- (a) Be used solely for such equipment; and
- (b) Have an ampacity not less than that of the connected load supplied.

(2) For the purpose of this Rule an approved unit which combines heating with ventilating or lighting equipment or both, shall be considered to be heating equipment.

(3) Notwithstanding Subrule (1) where a heat lamp is not the sole source of heat it may be used in a medium-base lampholder acceptable for the purpose where the lampholder is supplied from a general-use branch circuit.

#### **62-012 Overcurrent Protection and Grouping**

(1) Every fixture, cable set or strip system having an input of more than 30 amperes shall be supplied by a branch circuit which supplies no other equipment.

(2) Two or more fixtures or cable sets may be grouped on a branch circuit used for space heating in a residential occupancy providing that the branch circuit overcurrent devices are rated or set at not more than 30 amperes.

(3) In other than residential occupancies, two or more fixtures, cable sets or strip systems may be grouped on a branch circuit and, except by special permission, the branch circuit overcurrent devices shall not be rated or set in excess of 60 amperes.

(4) Where two or more fixtures, cable sets or strip systems are grouped on a single branch circuit the non-heating leads of cable sets and taps to cable sets, fixtures and strip system shall:

- (a) Have an ampacity not less than  $\frac{1}{3}$  the rating of the branch circuit overcurrent devices; and
- (b) Be not more than 25 feet in length.

(5) Where the heating portion of a cable set is not totally embedded in non-combustible material, the the rating or setting of the branch circuit overcurrent devices shall not exceed 15 amperes.

(6) Where a service, feeder, or branch circuit is used solely for the supply of energy to heating equipment, the total connected load of heating equipment shall not exceed 80 per cent of the rating of the service, feeder, or branch circuit overcurrent devices.

(7) Where cartridge fuses protect:

- (a) Branch circuits supplying heating loads; and
- (b) Feeders or services supplying loads of which the heating load constitutes more than 50 per cent of the total load;

the cartridge fuses shall be Type D or HRC Form 1.

(8) Branch circuit conductors supplying fixed resistance heating loads may be sized in accordance with 100 per cent of the fixed load and protected by overcurrent devices not exceeding 125 per cent of the fixed load.

**62-014 Thermal Insulation.** Where heating equipment is installed on or within any surface such as walls or ceilings, only thermal insulation of the non-corrosive, noncombustible type shall be used.

#### **62-016 Installation of Fixtures**

(1) Fixtures shall be installed so that:

- (a) The proper radiation of heat shall not be obstructed by any portion of the building structure;
- (b) Adjacent combustible material shall not be subjected to temperatures in excess of 90C (194F);

(2) Where a fixture is recessed in noncombustible material in a building of concrete, masonry or equal fire-resisting construction, the non-combustible ma-



terial may be subjected to temperatures not exceeding 150C (302F), but the fixture shall be plainly marked as approved for the service.

(3) Fixtures weighing more than 10 pounds shall be installed so that the wiring connections in the outlet box or its equivalent will be accessible for inspection without removing the fixture supports.

(4) Fixtures weighing more than 25 pounds shall not be supported directly by an outlet box which is mounted on a bar hanger.

(5) Fixtures weighing more than 50 pounds shall be supported independently of the outlet box.

(6) Where fixtures are installed less than 18 feet above the floor in an arena, gymnasium, or similar location, where they may be exposed to damage from flying objects, the heating elements shall be of the metal-sheathed type or the fixtures shall be specifically approved for the application.

#### 62-018 Fixtures as Raceways

(1) No fixtures shall be used as a raceway for circuit conductors unless the fixture is approved and marked for this use.

(2) Notwithstanding Subrule (1), the wiring channel of a baseboard heating unit may be used to contain the wiring for interconnection of adjacent baseboard units on the same branch circuit if the units are approved and marked for this use.

**60-020 Construction of Cable Sets.** Cable sets shall be complete approved assemblies including the non-heating end leads, and shall have permanent markings as required not more than 3 inches from the supply terminal end of a non-heating lead.

#### 62-022 Installation of Cable Sets

(1) The heating portion of a cable set shall not be shortened and any cable set which does not bear its original markings shall be considered to have been shortened and will be rejected unless the installer can prove to the satisfaction of the inspection department, by instrument measurements, that the characteristics of the approved cable set have not been altered.

(2) The entire length of the heating portion, including connections to non-heating leads, shall be installed within the heating area.

(3) Cable sets shall be installed so that the temperature on any part will not exceed 90C (194F) except as permitted in Rule 62-052 (2).

(4) The heating portions of cable sets shall not be run closer than 8 inches to any outlet to which a lighting fixture or other heat-producing equipment is liable to be connected.

(5) Where cable sets without metallic shields or sheaths are installed, metallic structures or materials used for the support of such cable sets shall be grounded.

(6) Where a cable set is liable to accidental contact with conductive material which is not effectively grounded, the heating portion of the cable set shall have a metallic shield or sheath.

(7) Metallic shields and sheaths of cable sets shall be grounded.

#### 62-024 Non-Heating End Leads of Cable Sets

(1) The non-heating end leads of cable sets shall be installed in accordance with the requirements of Section 12 for the type of conductors employed.

(2) Where the heating element of a cable set is embedded in a concrete or similar floor the non-heating end leads if not of the metal-sheathed type, shall be run from within the concrete to the junction box in rigid conduit, electrical metallic tubing, or other approved raceway, which shall terminate in a horizontal run within the concrete and have a bushing or equivalent fitting to prevent abrasion of the conductors where they emerge.

#### 62-026 Demand Factors for Service Conductors and Feeders

(1) Where service conductors or feeders are used solely for the supply of energy to heating equipment they shall have an ampacity of not less than the sum of the current ratings of all the equipment they supply.

(2) Notwithstanding Subrule (1), where a heating installation in a residential occupancy is provided with automatic thermostatic control devices in each room or heated area the ampacity of service conductors or feeders supplying heating equipment only shall be based on the following:

(a) The first 10 kilowatts of connected heating load at 100 per cent demand factor; plus

(b) The balance of the connected heating load at 75 per cent demand factor.

(3) Where service conductors or feeders supply a combined load of heating and other equipment, they shall have an ampacity consisting of:

(a) In the case of residential dwelling units, the sum of the heating load as computed by Subrule (2) plus the combined loads of other equipment with demand factors as applicable in Section 8; or

(b) In the case of other occupancies, 75 per cent of the total connected heating load plus the combined loads of the other equipment with demand factors as applicable in Section 8 for the type of occupancy.

(4) Notwithstanding Subrule (3) (b), where the combined loads with applicable demand factors of other than heating equipment is less than 25 per cent of the connected heating load on a service or feeder no demand factor shall be applicable to the heating portion of the load, but in no case shall the resultant demand be less than the connected heating load.

#### 62-028 Temperature Control Devices

(1) Temperature control devices rated to operate at line voltage shall have a current rating at least equal to the sum of the current ratings of the equipment they control.

(2) Temperature control devices which can be turned automatically or manually to a marked "OFF" position and which either interrupt line current directly or control a contactor or similar device which interrupts line current shall open all ungrounded conductors of the controlled heating circuit when in the "OFF" position.



(3) Where the liquid to be heated is a fuel or other flammable product, temperature controls shall be installed to ensure that the liquid temperature does not exceed 65C (150F) or the minimum flash point of the liquid whichever is the lower.

### Electric Space Heating Systems

**62-030 Electric Space Heating.** Rules 62-032 to 62-046 apply to fixed electric space heating systems for heating rooms and similar areas.

**62-032 Temperature Control.** Each enclosed area within which a heater is located shall have a temperature control device.

**62-034 Connections to Circuit Conductors.** Cable sets used for interior space heating shall have non-heating end leads for connection to circuit conductors.

**62-036 Location of Cable Sets.** The heating portions of cable sets shall not be:

- (a) Installed in or behind any wall surface, nor in any other location where they may be subject to mechanical injury either during or after construction;
- (b) Installed in, nor concealed behind any surface having wood lath, wood panelling, or similar combustible material;
- (c) Run through walls, partitions, floors or similar structures; or
- (d) Run in or through any thermal insulation.

**62-038 Proximity of Other Wiring.** Wiring of other circuits located:

- (a) Above heated ceilings shall be spaced not less than 2 inches above the ceiling and shall be considered as operating at an ambient temperature of 50C (122F) unless thermal insulation having a minimum thickness of 2 inches is interposed between the wiring and the ceiling;
- (b) In heated concrete slabs shall be spaced not less than 2 inches from the heating cables and shall be considered as operating at an ambient temperature of 40C (104F).

### 62-040 Wattage Rating and Spacing of Cable Sets

(1) Cable sets, when in contact with gypsum board or plaster lath, or when embedded in plaster or sand which is in contact with gypsum board or plaster lath, shall not:

- (a) Have a rating in excess of 2.75 watts per linear foot of the heating portion; and
- (b) Be spaced closer than on 2 inch centres.

(2) Cable sets, when embedded in concrete or poured masonry, shall not:

- (a) Have a rating in excess of 20 watts per linear foot of heating portion;
- (b) Be spaced closer than 1 inch on centres; and

- (c) Have a wattage per square foot in excess of 40 watts.

### 62-042 Cable Sets in Cement or Plaster

(1) Cable sets installed in cement or plaster shall be secured in place on the undercoat, gypsum board or plaster lath at not over 2-foot intervals by acceptable fastening devices suitable for the temperature involved, and of such nature as not to damage the cable.

(2) The entire length of the heating portion including the connections to the non-heating leads, shall be completely embedded in noncombustible material.

(3) Where space heating cable sets are installed in plastered ceilings, the plaster shall be a thermally non-insulating sand plaster, or equivalent, having a nominal thickness of not less than ½ inch.

### 62-044 Cable Sets in "Dry-Board" Installations

(1) For "dry-board" installations the cable shall be installed parallel to the joists or nailing strips, leaving a clear space of not less than 1 inch wider than the width of the lower face of the joist, header or nailing strip, between centres of adjacent cable runs.

(2) Crossing of joists by cable shall be done only at the ends of the joists except by special permission.

(3) After the heating cable is installed:

- (a) The entire ceiling below the cable shall be covered with gypsum board not exceeding ½ inch in thickness;
- (b) The voids between the upper layer of gypsum board and the surface layer of gypsum board shall be filled with thermally conducting plaster or other suitable material; and
- (c) The surface layer of gypsum board shall be mounted so that the nails or other fastenings do not pierce the heating cable.

### 62-046 Installation of Central Units

(1) Central units shall be installed so that there is reasonable accessibility for repair and maintenance.

(2) Central units shall be installed:

- (a) In an area which is large compared with the physical size of the unit unless specifically approved for installation in an alcove or closet; and
- (b) So as to comply with the clearances from combustible materials as specified on the nameplate.

### Electric Surface Heating Systems

**62-048 Electric Surface Heating.** Rules 62-050 to 62-058 apply to fixed surface heating system for pipe heating, melting of snow or ice on roofs or concrete or asphalt surfaces, soil heating and similar applications other than space heating.

### 62-050 Installation of Fixtures

(1) If located so as to be exposed to rainfall, fixtures shall be provided with a weatherproof enclosure.

(2) All exposed metallic surfaces of fixtures shall be grounded.

**62-052 Installation of Cable Sets, General**

(1) Cable sets shall be installed so that adjacent materials will not be subjected to temperatures in excess of 90C (194F) unless special permission is obtained for the use of higher temperatures and the cable is approved for such higher temperature.

(2) No cable set shall be installed closer than  $\frac{1}{2}$  inch to any exposed combustible surface unless the cable has a metallic shield or sheath and is provided with a positive temperature control which will limit the surface temperature of the cable to a value not exceeding 72C (162F).

**62-054 Cable Sets Installed Below the Heated Surface**

(1) Cable sets installed outdoors under the surface of driveways, sidewalks, and similar locations shall:

- (a) Have a metallic shield or sheath over the heating portion;
- (b) Be surrounded by noncombustible material throughout their length, including the point of connection to the non-heating leads;
- (c) When embedded in concrete be embedded to a depth of at least 2 inches, the concrete being reinforced except in sidewalks, and have a minimum depth of 6 inches where subject to vehicular traffic, or 4 inches where not subject to vehicular traffic;
- (d) When embedded in asphalt:
  - (i) Be embedded at least 1 inch after first being covered with iron or steel mesh not less than No. 10 gauge or not greater than 4 inch mesh;
  - (ii) Be installed so that adjacent runs of cable are 6 inches or less apart, and be rated at not more than 25 watts per lineal foot;
  - (iii) Be located not less than 12 inches from the edge of the driveway where no curbs are provided; and
  - (iv) Be supported on a substantial base of concrete or well-compacted crushed stone at least 6 inches deep.

(2) Non-metallic cable sets installed indoors shall be not less than 1 inch from any uninsulated metallic bodies located below the surface to be heated.

(3) All uninsulated metallic bodies located at or below the surface to be heated shall be grounded.

**62-056 Cable Sets Installed on or Wrapped Around Surfaces**

(1) Cable sets or strip systems installed on or wrapped around surfaces shall be secured in place by suitable fastening devices which will not damage the cable, and which are suitable for the temperature involved.

(2) Cable sets or strip systems wrapped over valves or expansion joints in pipes shall be installed in such a manner as to avoid damage when movement occurs at these areas.

**62-058 Strip Systems**

(1) Surface heating strip systems shall be installed in accordance with the manufacturer's instructions and in such a manner that the electrical insulation will not be subjected to mechanical damage.

(2) Pipe flanges, valve bodies and other like fittings may be bridged by installing a heat conducting thin metal adhesive-faced bridging strip to which the element is fastened.

(3) An approved prefabricated terminal assembly shall be used to seal and connect the strip system to the branch circuit.

(4) The end of the heater strip remote from the supply end shall be sealed by:

- (a) An approved dead-end seal; or
- (b) An approved prefabricated jumper assembly serving as a feed-through circuit to one or more additional runs of heater strip.

(5) Temperature regulating thermostats shall be installed and their sensing bulbs shall be located directly against and in intimate contact with the heater strip.

(6) Subject to the temperature limitations of the particular application, strip systems shall be installed so that the temperature of any part does not exceed its temperature rating and in no case exceed 149C (300F).

(7) Branch circuits used to supply energy to strip systems shall not have a voltage exceeding 150 volts to ground or 300 volts between conductors.

(8) Heater strips and fittings shall be covered with acceptable noncombustible thermal insulation, which shall be suitably weatherproofed when in outdoor or wet indoor locations.

(9) Metallic structures or materials used for the support of, or on which heater strips are installed, shall be grounded in accordance with Section 10.

**Other Heating Systems****62-060 Cable Sets Installed in Pipes, Tanks, Etc.**

(1) Cable sets installed in pipes, tanks, and similar locations shall be of a type acceptable for immersion in the liquid to be heated.

(2) Where practicable, cable sets installed in pipes, tanks, and similar locations shall be secured in place by suitable fastening devices which will not damage the cable.

(3) Where the cable set passes through the pipe or tank wall, it shall pass through a suitable liquid-tight gland.

(4) Where a metal raceway is required for the non-heating leads of a cable set installed in a pipe, tank, or similar location it shall be installed so that it will not become flooded in the event of failure of the liquid-tight gland required by Subrule (3).



**62-062 Pipe-Line Resistance Heating.** Pipe-line resistance heating equipment shall conform to the following:

- (a) Voltage applied to the piping shall not exceed 30 volts, and the supply shall be from an isolating type transformer;
- (b) No part of the extra-low voltage circuit, including the conductors and the piping in the loop used for heating shall be grounded;
- (c) Pipe hangers shall have insulating bushings, or be made of insulating material;
- (d) Pipes shall have a minimum clearance of 4 inches from adjacent material, and from each other, except from hangers or supports;
- (e) Where pipes pass through walls, floors, or ceilings, they shall be bushed with insulating bushings or have 4 inches of clearance as required in paragraph (d);
- (f) Vertical runs shall be supported every 20 feet or at each floor, whichever distance is less, with insulating hangers, and shall be fire-supported at each floor;
- (g) Horizontal runs shall be supported every 10 feet at least;
- (h) Pipes used as heating elements shall be electrically insulated, and guarded, or shielded;
- (i) Pipes shall be protected from mechanical damage or installed in such a manner that the building beams or framing provide mechanical protection;
- (j) All pipes used for conductors in the electrical circuit shall be of the same diameter and of the same material; and
- (k) Joints shall be at least as electrically conductive as the adjacent piping such as provided by welding or bonding.

## SECTION 64—INDUCTION AND DIELECTRIC HEATING EQUIPMENT

### General

**64-000 Scope.** This Section applies to the construction and installation of induction and dielectric heating equipment and accessories and is supplementary to or amendatory of the general requirements of this Code.

**64-002 Special Terminology.** In this Section the following definitions apply:

- (a) **Generating equipment** means any equipment used to change the voltage or frequency or both of the power supplied to equipment of the type covered by this Section; and
- (b) **Therapeutic equipment** means equipment whose output frequency is not less than 2 megacycles per second.

### Wiring

#### 64-004 Wiring Method

(1) Wiring from the source of power to generating equipment shall comply with the requirements of Sections 2, 4, 12, 14 and 28.

(2) Circuits and equipment operating on a supply circuit of more than 750 volts shall comply with the requirements of Section 36.

**64-006 Capacity of Supply Conductors for Motor-Generator Equipment.** The size of supply conductors for motor-generator equipment shall conform with the requirements of Section 28.

**64-008 Capacity of Supply Conductors for Other than Motor-Generator Equipment.** The size of the supply conductors for other than motor-generator equipment shall be determined as follows:

- (a) The ampacity of the circuit conductors shall be at least 100 per cent of the nameplate current rating of the equipment;
- (b) The ampacity of conductors supplying two or more equipments shall be equal to at least 100 per cent of the sum of the nameplate current ratings on all equipment involved except that when two or more equipments are supplied from the same feeder and simultaneous operation of the equipments is not possible, the capacity of the feeder shall be at least 100 per cent of the sum of the nameplate currents for the largest group of machines capable of simultaneous operation, plus 100 per cent of the standby currents of the remaining machines supplied.

**64-010 Overcurrent Protection for Motor-Generator Equipment.** Overcurrent protection shall be provided for motor-generator equipment as specified in Section 14.

#### 64-012 Overcurrent Protection for Other than Motor-Generator Equipment

(1) Overcurrent protection for other than motor-generator equipment shall be provided, if not supplied as part of the equipment, to protect the equipment as a whole.

(2) The overcurrent device shall have a rating or setting of not more than 200 per cent of the nameplate current rating.

#### 64-014 Disconnecting Means

(1) A readily accessible disconnecting means shall be provided by which each generating equipment can be isolated from the supply circuit.

(2) The ampacity of such disconnecting means shall be at least 100 per cent of the nameplate current rating of the equipment.

(3) The supply circuit switch may be used as the generating equipment disconnecting means if the circuit supplies only one equipment.

#### 64-016 Output Circuits

(1) Output circuits shall be considered to include all high frequency components external to the generators, including interconnecting radio frequency transmission lines, load tuning networks, and work applicators.



(2) With respect to guarding, all parts of the output circuit shall be considered with the generating equipment as a complete assembly.

(3) Output circuits shall conform to the following:

- (a) The work applicator shall be so guarded that safe operation of the equipment will be assured;
- (b) When the connection between the generator and work applicator exceeds 2 feet in length the connections shall be enclosed or guarded with noncombustible material;
- (c) The generator output shall be at direct-current ground potential (coupled outputs alone, without other precautions, will not suffice because of the danger existing during possible flashovers).

**64-018 Protective Cages and Shielding.** Protective cages, adequate shielding or the equivalent, shall be used to guard work applicators, where practicable.

#### 64-020 Grounding and Bonding

(1) Grounds or inter-unit bonding shall be used wherever required for circuit operation and for limiting to a safe value radio frequency potentials between all exposed non-current-carrying parts of the equipment and earth ground, also between all equipment parts and surrounding objects and between such objects and earth ground.

(2) Such grounding and bonding shall be installed in accordance with Section 10.

**64-022 Low Frequency AC in Generating Equipment Output.** Commercial frequencies of 25 to 60 cycles per second output may be coupled for control purposes, but shall be limited to a value of 150 volts available only during periods of circuit operation.

**64-024 Hazardous Locations.** Induction and dielectric heat generating equipment shall not be installed in hazardous locations as defined in Section 18, unless the equipment is designed and approved for use in hazardous locations.

#### 64-026 Enclosure of Generating Apparatus

(1) The generating apparatus including the dc, low- and high-frequency electrical circuits, but excluding the output circuits, shall be completely contained in an enclosure of noncombustible material.

(2) The metal housings of motors, generators and the like may serve as a part of this enclosure.

**64-028 Transformers.** Transformers which are part of high-frequency apparatus, even though they contain oil, shall be considered and treated as part of the device, and need not conform to the requirements of Rule 26-042.

**64-030 Panel Controls.** All panel controls shall be of "dead-front" construction.

**64-032 Access to Internal Equipment.** Enclosures shall be constructed so that:

- (a) Parts operating at potentials above 30 volts shall not be accessible directly;

(b) Parts operating at 31 to 750 volts shall not be accessible through doors, panels or covers unless:

- (i) A key or tool is required to open such doors and a caution which reads "DISCONNECT SUPPLY CIRCUIT BEFORE OPENING" is attached to such doors; or
- (ii) Shields or barriers are provided so that all operating adjustments and controls may be accomplished without access to live parts; and

(c) Parts operating at potentials above 750 volts shall not be accessible through doors, panels or covers unless such doors are provided with interlocks which remove all potentials above 30 volts when the doors are open.

**64-034 Warning Labels.** Warning labels, definitely indicating danger, shall be attached to doors, access panels or at other vantage points on equipment, so that the labels will be plainly visible when doors are opened or panels are removed from compartments containing voltages above 250 volts ac or dc.

**64-036 Foot Switches.** Switches operated by foot pressure shall be provided with a shield over the contact button to avoid accidental closing.

**64-038 Remote Control.** When remote controls are used for applying power, a "Local-Remote" switch shall be provided and interlocked so as to prevent the possibility of applying power from other than one selected control point.

#### 64-040 Capacitors

(1) When capacitors in excess of 0.1 microfarad are used as rectifier filter components, arc suppressors, etc., in dc circuits having circuit voltages exceeding 230 volts to ground, bleeder resistors or grounding switches shall be used as grounding devices.

(2) Where auxiliary rectifiers are used with filter capacitors in the output for bias supplies, tube keyers, etc., bleeder resistors shall be used even though the dc voltage may not exceed 230 volts.

**64-042 Keying.** Where high speed keying circuits dependent on the effect of "oscillator blocking" are employed, the peak radio frequency output voltage during the blocked portion of the cycle shall not exceed 100 volts.

#### 64-044 Power Supply for Therapeutic Equipment

(1) Where portability is not essential, equipment shall be permanently installed.

(2) Where portability is essential, the power supply cord shall be 3-conductor at least Type SJ cord, having an ampacity not less than the marked rating of the equipment, and it shall be provided with an approved, 3-prong attachment plug cap, except that a 2-conductor cord and a 2-prong, parallel-blade cap may be used on a device rated at 115 volts, 15 amperes or less and intended for use in offices, homes, or similar locations.

**64-046 Applicators for Therapeutic Equipment.** Current-carrying parts of applicators shall be insulated or enclosed so that reliable isolation of the patient shall be assured.

## SECTION 66—SOUND-RECORDING, REPRODUCTION AND SIMILAR EQUIPMENT

**66-000 Scope.** This Section applies to installations of equipment and wiring used for sound recording and reproduction, centralized distribution of sound, public address, speech-input systems and electronic organs, and is supplementary to or amendatory of the general requirements of this Code.

### 66-002 Wiring Methods

(1) Except as modified by this Section, wiring and equipment from the source of power to and between devices connected to an interior wiring system shall comply with the requirements of this Code covering the particular locations involved.

(2) Conductors of different systems grouped in the same conduit or other metallic enclosure, or in portable cords or cables, shall comply with the following requirements:

- (a) Power-supply conductors shall be properly identified and shall be used solely for supplying power to the equipment to which the other conductors are connected;
- (b) Input leads to a motor-generator or rotary-converter shall be run separately from the output leads;
- (c) The conductors shall be insulated either individually, or collectively in groups, by insulation at least equivalent to that on the power-supply and other conductors, except where the power-supply and other conductors are separated by a lead sheath or other continuous metallic covering;
- (d) Flexible cords and cables shall be Type S, SJ, K, P or other type specifically approved for the purpose for which they are to be used;
- (e) The conductors of flexible cords, other than power-supply conductors, may be of a size not smaller than No. 26 AWG copper provided that such conductors are not in direct electrical connection with the power-supply conductors and are equipped with current limiting means so that the maximum power under any conditions will not exceed 150 watts;
- (f) Terminals shall be marked to show their proper connections;
- (g) Terminals for conductors other than power-supply conductors shall be separated from the terminals of the power-supply conductors by a spacing at least as great as that between power-supply terminals of opposite polarity.

**66-004 Storage Batteries.** Storage batteries shall comply with the requirements of Rules 26-080 to 26-088.

## SECTION 68—SWIMMING POOLS

### 68-000 Scope

(1) This Section applies to the construction of swimming pools and to the installation of electric wiring for equipment in or adjacent to swimming pools, to non-electrical metallic accessories in the pool or within 5 feet of the inside walls of the pool, and to auxiliary equipment such as pumps, filters and similar equipment.

(2) A therapeutic pool, a wading pool, or a decorative pool which could be used as a wading pool, shall be deemed to be a swimming pool.

(3) The electrical equipment or wiring shall not be installed in the water nor in the enclosing walls of a pool, except as provided for in this Section.

(4) The requirements of this Section are supplementary to or amendatory of the general requirements of this Code.

### 68-002 Lighting

(1) Wet-niche fixtures shall comply with the following:

- (a) The voltage of a fixture or of a transformer or ballast directly supplying a fixture shall not exceed 150 volts, during either starting or operating conditions;
- (b) A non-metallic fixture shall not be used with a grounded power supply; and
- (c) Except for decorative pools, approved metal forming shells shall be installed for the mounting of all fixtures and shall be equipped with provision for a threaded connection to rigid metallic conduit.

(2) The voltage of a dry-niche fixture which is installed so as to be accessible from a walk-way or a service tunnel outside the walls of the pool, or of a transformer or ballast directly supplying such a fixture, shall not exceed 300 volts during either starting or operating conditions.

(3) Dry-niche fixtures may be installed in closed, drained recesses in the walls of the pool providing:

- (i) The installation complies with Subrule 1 (a) and (b);
- (ii) An approved metal forming shell or the equivalent is provided; and
- (iii) The fixtures are accessible for maintenance through a hand hole in the deck of the pool.

(4) Metal parts of fixtures or forming shells in contact with the pool water shall be of brass or other suitable corrosion-resistant metal.

(5) Unless specifically approved for installation at a greater depth, fixtures shall not be submerged at a depth of more than 2 feet, such distance being measured from the centre of the face lens of the fixture to the normal water level.

(6) Lighting fixtures installed below, or within 10 feet of the pool surface shall be electrically protected by a ground fault circuit interrupter.

(7) Except by special permission standards or supports for lighting fixtures shall not be installed within 10 feet of the inside walls of a swimming pool unless the circuits supplying such fixtures are electrically protected by ground fault circuit interrupters.

**68-004 Electrical Equipment Other Than Lighting.** Ground fault circuit interrupters shall be provided on circuits supplying electrical equipment:

- (a) Placed in the water in the pool; or



- (b) Located within the confines of the pool walls or within 10 feet of the inside walls of the pool and not suitably separated from the pool area by a wall or other barrier.

**68-006 Underwater Sound Systems.** Underwater speakers shall not be used in swimming pools unless they are specifically approved for the purpose and are connected to amplifiers approved for use with that particular speaker.

**68-008 Junction Boxes**

(1) Junction boxes installed on the supply side of conduits extending to forming shells shall be provided with threaded openings for conduit entrances and shall be constructed of brass or other suitable corrosion-resistant metal.

(2) Boxes shall be provided with means inside the box for independently terminating at least two grounding conductors.

(3) The boxes shall not contain the conductors of any circuits other than those used exclusively to supply the underwater lights.

(4) Junction boxes shall be:

- (a) Installed so as to be not less than eight inches, measured from the inside of the bottom of the box, above the ground level, pool deck, or maximum pool water level, whichever provides the greatest elevation;
- (b) Installed not less than four feet from the perimeter of the pool unless separated from the pool by a fence, wall or other permanent barrier; and
- (c) Not located in a walkway unless afforded additional protection such as by location under diving boards, adjacent to fixed structures, and the like.

**68-010 Transformers and Transformer Enclosures**

(1) Transformers, if exposed to the weather, shall have weatherproof enclosures.

(2) Transformers, if located within 10 feet of the pool, so as to be exposed to splashing from the pool, shall have enclosures of splash-proof construction.

**68-012 Wiring Method**

(1) Rigid conduit of copper or other suitable corrosion-resistant metal shall be provided between the forming shell of fixtures installed below the pool surface and the junction box referred to in Rule 68-008.

(2) The wiring method between the wet-niche fixture and the junction boxes referred to in Rule 68-008 shall be flexible cord suitable for use in wet locations and be supplied as a part of the fixture.

(3) Where Subrules (1) and (2) do not apply, any suitable wiring method specified in Section 12 may be used.

(4) Conductors on the load side of each ground fault circuit interrupter shall be kept entirely independent of all other wiring and shall not enter a fixture, raceway, box, or cabinet occupied by other wiring.

**68-014 Receptacles**

(1) Receptacles shall not be installed within 5 feet of the inside walls of a swimming pool;

(2) Where receptacles are provided within 10 feet of the inside walls of a swimming pool, or within the walls enclosing an indoor pool area, they shall be protected electrically by a ground fault circuit interrupter;

(3) The 10-foot dimension referred to in Subrule (2) is the shortest path which the supply cord or an appliance connected to the receptacle would follow without piercing a building floor, wall or ceiling.

**68-016 Ground Fault Circuit Interrupters**

(1) Ground fault circuit interrupters required by the rules of this section shall be of the Class A type and shall be permanently connected using an acceptable wiring method.

(2) A ground fault circuit interrupter may be applied to a feeder or a subfeeder.

(3) Each ground fault circuit interrupter shall be provided with a means of testing to ensure that the interrupter is in operating condition, and there shall be a marking on the device to outline the complete test procedure.

(4) A warning sign shall be located beside the switches controlling circuits electrically protected by ground fault circuit interrupters advising that the circuits are so protected and that the equipment shall be tested regularly.

**68-018 Grounding and Bonding**

(1) All non-current-carrying metal parts of conduit, piping systems, pool reinforcing steel, lighting fixtures (including forming shells), junction boxes, fences within 10 feet of the pool, ladders, diving board supports and the like, shall be bonded together and connected to a common ground.

(2) The bonding conductor for bonding the metal parts of the equipment referred to in Subrule (1) shall be a bare copper conductor not smaller than No. 6 AWG.

(3) Metallic sheaths and raceways shall not be relied upon as the grounding medium and a separate copper grounding conductor shall be used, except that a conduit between a forming shell and its associated junction box may be used as the grounding medium providing the forming shell and junction box are installed in the same structural section.

(4) The grounding conductor from the junction box referred to in Rule 68-008, shall be run to the main distribution panel board and if smaller than No. 6 AWG shall be installed and protected in the same manner as the circuit conductors.

(5) The size of the grounding conductor shall be in accordance with Rules 10-806, 10-808, and 10-812, except that:

- (a) The grounding conductor in the flexible cord for wet-niche fixtures shall be not smaller than No. 14 AWG; and



- (b) The grounding conductor from the junction box referred to in Rule 68-008, to the main distribution panel board shall be not smaller than No. 12 AWG.

(6) Structural reinforcing steel shall be connected to a common ground with a minimum of four connections equally divided around the perimeter.

**68-020 Overhead Wiring.** There shall not be any open overhead wiring above a swimming pool, diving structure, observation stand tower or platform, or above the area extending 10 feet horizontally from the pool edge.

**68-022 Underground Wiring.** Underground conductors shall not be located within 5 feet of the inside walls of a swimming pool except for bonding conductors or conductors supplying electrical equipment associated with the pool and protected by a ground fault circuit interrupter.

## SECTION 70—ELECTRICAL REQUIREMENTS FOR FACTORY- BUILT RELOCATABLE STRUCTURES, NON-RELOCATABLE STRUCTURES AND RECREATIONAL VEHICLES

### Scope

#### 70-000 Scope

(1) Rules 70-100 to 70-130 apply to relocatable structures (factory built) towable on their own chassis, for use without permanent foundations having provisions for connection to utilities and include:

- (a) Mobile homes; and
- (b) Mobile commercial and industrial structures.

(2) Rules 70-200 to 70-204 apply to non-relocatable structures (factory built) for use on permanent foundations and include:

- (a) Housing (residential); and
- (b) Commercial and industrial structures.

(3) Rule 70-300 applies to recreational vehicles.

(4) This Section is supplementary to or amendatory of the general requirements of this Code.

### Relocatable Structures

**70-100 Equipment.** Electrical components including those connected in Class 1 extra-low voltage power circuits (e.g. lighting fixtures) and in Class 2 extra-low voltage circuits shall conform with the requirements of the Canadian Electrical Code Part II and be suitable for the application.

#### 70-102 Method of Connection

(1) Subject to the conditions of Subrule (2) of this rule, the method of connection to the supply circuit shall be:

- (a) Connection to an overhead or underground supply;

- (b) Power supply cord set; or

- (c) A length of flexible cord or cord or cable without an attachment plug cap.

(2) For mobile homes the method of connection to the power supply shall be directly to an overhead or underground supply, except by special permission.

#### 70-104 Connection to an Overhead or Underground Supply

(1) Where the supply connection is directly to an overhead or underground supply a conduit nipple or a length of rigid conduit shall be provided and shall:

- (a) Project from the structure through the exterior wall, roof, or floor to permit attachment of a conduit fitting;
- (b) Have a suitable cap on the exposed end;
- (c) Terminate at the disconnecting means, at an intermediate box, or, for other than mobile homes, at the distribution equipment if a disconnecting means is not provided; and
- (d) Be of sufficient size to accommodate copper conductors of a calculated ampacity for the load involved, except:

- (i) where the structure is specifically designed for connection by conductors other than copper; or

- (ii) as specified in Subrule (3).

(2) For mobile homes the conduit shall project so that it is readily accessible for power supply connection.

(3) For mobile homes the size of conduit shall not be less than that specified in Table 48.

(4) Where the system grounding conductor is run separately it shall be in a non-metallic raceway.

#### 70-106 Power Supply Cord or Cord Set

(1) Where a power supply cord or cord set is used except as provided for in Subrule (4) the cord shall:

- (a) Be provided as part of the mobile vehicle;
- (b) Have an ampacity not less than the ampere rating of the attachment plug cap;
- (c) Be of the extra hard usage type suitable for outdoor use as specified in Table 11;
- (d) Have separate identified and grounding conductors;
- (e) Be not less than 25 feet in length, as measured from the attachment plug cap to the point of entrance to the unit;
- (f) If a (permanently connected) power supply cord, terminates at the main disconnecting means in the unit or at a box in or on the unit,

suitable space being provided in the unit for storage of the cord when not in use to protect it from damage; and

- (g) Have a suitable grounding type attachment plug cap having an ampere rating not less than that of the service conductor ampacity required by Section 8 for applications specified therein, or that for which it is approved for other applications.
- (2) Bushings of rubber, unless of an oil-resistant compound, shall not be used where they are so located as to be exposed to mechanical injury.
- (3) Where a cord set is used a male receptacle is to be provided on the unit which shall:
  - (i) Be of weatherproof construction unless adequately protected or enclosed;
  - (ii) Have a contact arrangement which will mate with the cord connector on the cord; and
  - (iii) Have a current rating not less than that of the main overcurrent protection.
- (4) By special permission as provided for in Rule 70-102 (2), a cord or cord set may be used for mobile homes provided they:
  - (a) Are not smaller than No. 6 AWG;
  - (b) Have an attachment plug moulded to the cord with configuration designated as CSA 14-50P (3 pole, 4-wire, 125/250 volt, 50 amps); and
  - (c) Enter where it will not be subject to mechanical damage.

#### **70-108 Disconnecting Means and Main Overcurrent Protection**

- (1) Except as provided for in Subrule (2) each structure shall be provided with:
  - (a) A service box or a combined service and distribution box located within the structure with provision for grounding the neutral;
  - (b) Main overcurrent protection having a current rating at least equal to the minimum ampacity of the consumer's service as determined in accordance with Section 8 but in no case less than 50 amperes for mobile homes and not exceeding the ampacity of the supply conductors actually used except as permitted by Rule 14-058.
  - (c) The identified conductor shall be:
    - (i) Connected to ground within the mobile structure if a power supply cord or cord set is not provided; or
    - (ii) Isolated from ground if a power supply cord or cord set is used.
- (2) For other than mobile homes the structure may be provided with distribution equipment in lieu of the type of service equipment listed in Subrule (1) where such service equipment is provided in the supply to the unit.

#### **70-110 Location of Service or Distribution Equipment**

Service or distribution equipment shall be:

- (a) Readily accessible;
- (b) Not located in clothes closets unless in its own compartment, in bathrooms, in stairways, or in any similar or undesirable location;
- (c) Within the structure with consideration being given to the possibility of the formation of condensation;
- (d) As close as practicable to the point where the supply conductors enter the structure; and
- (e) Of the circuit-breaker type if in other than extra-low voltage circuits and if mounted less than 5 feet above the floor in which case it shall be protected from mechanical injury.

#### **70-112 Wiring Methods—General**

(1) The wiring method shall be as specified in Section 12 except where flexible cords are permitted in Rule 70-116 or for Class 2 circuits.

(2) Surfaces against which conductors are in contact shall be smooth and entirely free from sharp edges and burrs which may cause abrasion of the insulation of the conductors.

(3) Where cable is required to be protected from mechanical injury by Rules 12-616, 12-716, and 12-810, plates or tubes of sheet steel of at least No. 16 MCG or the equivalent, secured in place, shall be used to protect the cable from driven nails, screws or staples.

(4) Cable run through holes in joists or studs shall be considered to be secured for purposes of Rule 12-610 and 12-718.

(5) Unless provided with insulation suitable for the highest voltage involved, insulated conductors of low potential and extra-low potential circuits shall be separated by barriers, or shall be segregated by clamping, routing, or equivalent means which will ensure permanent separation and shall in any case be so separated or segregated from bare live parts of the other circuit.

(6) For purposes of Subrule (5) the jacket of non-metallic sheathed cable shall be considered to be a suitable barrier.

(7) Bare live parts, including terminals of electrical equipment in extra-low potential circuits other than Class 2 circuits shall be enclosed in accordance with Rule 2-202 (1).

(8) Conductors for extra low potential Class 2 circuits shall be Type LVT, low-energy safety control cable or equivalent and if protected by fuses, in accordance with Rule 16-006, the fuses shall not be interchangeable with those of higher ratings.

#### **70-114 Wiring Methods, Aluminum Conductors**

(1) Joints and splices in aluminum conductors shall be made with wire connectors specifically designed and marked as suitable for use with aluminum conductors.



(2) Wiring connections between aluminum and copper conductors shall be made with wire connectors specifically designed and marked as suitable for this use.

(3) Connections of aluminum conductors to wiring devices (e.g. switches and receptacles) having wire binding terminal screws shall be made by forming a complete loop of the conductor under the head of the screw.

(4) For other than grounding conductors, only one conductor shall be connected to any one terminal screw.

(5) Wiring devices having spring-loaded, push-in terminals shall not be used unless specifically approved for use with aluminum conductors.

#### **70-116 Wiring Methods, Swing-out and Expandable Room Sections**

(1) The means used to make electrical connections between a swing-out or expandable room section and the wiring in the main section of the structure shall be located or protected so that there is no likelihood of damage to the interconnecting means when the section is extended or retracted or when the structure is in transit.

(2) A flexible cord or power supply cable shall be used as an interconnecting means where flexibility is involved and shall:

- (a) Be of the extra-hard usage type;
- (b) Have an ampacity suitable for the connected load but in no case be smaller than No. 14 AWG;
- (c) Be of the outdoor type if it has thermoplastic insulation or is exposed to the weather; and
- (d) Incorporate a grounding conductor.

(3) A plug, connector, or fitting used in conjunction with a flexible cord for electrical interconnections shall have an electrical rating suitable for the maximum connected load and if located outside of the mobile home shall be protected from the weather or other adverse conditions (including when the structure is in transit).

#### **70-118 Wiring Methods, Multiple Section Mobile Units**

(1) Provision shall be made for interconnection of circuits in each section of multiple section units.

(2) The means for interconnection shall be such that no bare live parts of a low potential circuit are exposed to accidental contact should any section be temporarily energized before the other sections are in place.

#### **70-120 Branch Circuits, Mobile Homes**

(1) Circuits other than those referred to in Rules 26-118, 26-122, 26-150 and 62-010 supplying permanently connected appliances may have additional outlets, but not receptacles, provided that these outlets are for fans, stationary lighting fixtures, or similar permanently connected appliances.

(2) The outlets referred to in Subrule (1) shall be considered to have a demand of 1 ampere each, except where the load is known to be greater, and in no case shall the total load exceed 80 per cent of the rating of the overcurrent device protecting the circuit.

(3) Notwithstanding Rule 8-302 (3), a circuit supplying an electric water heater having an input not more than 1,500 watts at 115 volts or 3,000 watts at 230 volts may have overcurrent protection rated or set at 15 amperes.

(4) In determining compliance with Rule 62-010 (2), fans on oil or gas heaters which are not required for the operation of the heaters and are rated not more than 3 amperes, are not required to be on individual branch circuits.

#### **70-122 Receptacles and Switches**

(1) In applying Rule 26-126 (1), a hallway need not be considered as a room.

(2) The appliance receptacles required by Rule 26-128 (3) and (4) to be installed at counter or table height shall be located not less than 30 inches and not more than 48 inches above the floor.

(3) Receptacles shall not be mounted, facing up, in horizontal surfaces in kitchen or dining areas.

(4) For the purpose of Rule 26-126 (2), a "bathroom" shall be a room containing a bathtub and/or a shower.

(5) Rule 26-126 (2) shall not preclude the provision of a single (not duplex) receptacle in a bathroom for home laundry equipment if:

- (a) The equipment is installed at time of manufacture as part of the mobile home; and
- (b) The receptacle is located so that it cannot readily be used for other purposes.

(6) Switches installed in bathrooms including wall switches, shall be located more than 4 feet measured horizontally to the vertical plane of the nearest inside wall of a bathtub or shower.

(7) Switches of the pull-type including those for fans and lights shall conform with Rule 30-612.

#### **70-124 Ventilating Fans Used in Kitchen Areas**

(1) The motor of any fan installed in the kitchen area above or in the vicinity of cooking equipment and which is located in the air stream shall be of the totally-enclosed type unless specifically approved for this application.

(2) For purposes of Subrule (1) the "area above or in the vicinity of cooking equipment" is:

- (a) That portion of any wall located within 4 feet of the cooking surface, as measured from any point on the cooking surface, regardless of the height of such walls; and
- (b) That portion of the ceiling defined by a rectangle having sides parallel to the edges of the cooking surface and located within 4 feet of a vertical projection of the cooking surface,



as measured from any point on this projection, regardless of the height of such ceiling.

(3) For purposes of Subrule (2), the "cooking surface" of a built-in oven is the area of a bottom-hinged door of a size required to close the oven opening, when such a door is in the fully-opened (horizontal) position and for a freestanding stove or range (with or without an oven) or a built-in counter top surface element unit, the "cooking surface" is the entire top surface of the unit, including the back-splash (if any).

(4) For the purposes of Subrules (1), (2), and (3) if any full-height wall or partition is located within the space defined above, the space beyond this full height is not included in this restriction.

### 70-126 Grounding and Bonding

(1) All major exposed metal parts that may become energized, including the water, gas, and waste plumbing, the roof and outer metallic covering, the chassis and metallic circulating air ducts shall be in good electrical contact with one another and with the termination of the grounding conductor of the supply circuit at the disconnecting means for the purpose of grounding and bonding.

(2) The metallic roof and exterior covering shall be considered bonded as required by subrule (1):

- (a) If the metal panels overlap one another and are securely attached to the wood or metal frame parts by metallic fasteners; and
- (b) If bonded to the chassis by metallic fasteners or by a metal strap.

(3) All exposed non-current carrying metal parts of a swing-out or expandable room section shall be reliably bonded to the exposed non-current carrying metal parts of the main section of the mobile unit.

(4) The grounding conductors of the low potential wiring system other than the chassis shall not be used to carry current of any extra-low potential circuit.

(5) Grounding and bonding connections and terminals shall be:

- (a) Made of non-ferrous metal or plated steel;
- (b) Used for no other purpose than grounding or bonding except for bonding between the chassis and skin where assembly screws may be used.
- (c) Protected from mechanical injury; and
- (d) Shall be readily accessible for inspection and maintenance.

(6) Bare grounding and bonding conductors shall be located so that there is no danger of contact with live parts but if their location or flexibility is such that separation from live parts is not assured they shall be insulated by taping or sleeving.

(7) Bonding conductors between the chassis and the distribution panel may be bare or insulated but in any case shall have an ampacity not less than that required for the rated input current of the

structure but in no case less than a No. 8 AWG conductor and shall be so located that they will not be subject to any mechanical injury.

(8) Bonding conductors other than those referred to in Subrule (7) shall have adequate ampacity but in no case less than that of a No. 14 AWG copper conductor.

### 70-128 Marking

(1) Units to which the main power supply connection is made shall be marked in a permanent manner in a place where the details will be readily visible with the following information as required by Rule 2-100.

- (a) Manufacturer's name, trademark, tradename or other recognized symbol of identification;
- (b) Model, style or type designation;
- (c) Nominal voltage of the system to which the unit is to be connected (e.g. 120, 120/240, etc.);
- (d) Rated frequency;
- (e) Rated input current in amperes.

(2) For purposes of paragraph (e) of Subrule (1) the rated input current in amperes shall be:

- (a) The ampere rating of the main overcurrent protection, if provided;
- (b) The ampere rating of the distribution equipment, if no main overcurrent protection and no power supply cord are provided; or
- (c) The ampere rating of the attachment plug cap, if provided.

(3) Markings adjacent to the main and branch circuit overcurrent devices shall be provided in accordance with Rule 2-100 (3).

(4) For multiple section mobile homes, or structures, each section shall be suitably and permanently marked to identify the other sections to be used with it to form a single structure.

(5) Unless it is otherwise clearly evident, instructions shall be provided on the main section of multiple section mobile homes or structures to indicate the interconnections necessary to complete the installation.

### 70-130 Tests

(1) The following tests shall be performed on the complete assembly at the factory:

- (a) **Continuity.** All circuits, including grounding circuits shall be tested for continuity;
- (b) **Insulation Resistance.** The insulation resistance between live parts and ground at the completion of a one-minute application of a 500 volt dc test voltage shall be not less than that required by Rules 2-500 to 2-506.

(2) As an alternative to the insulation resistance test specified in Subrule (1) (b), an ac dielectric strength test may be performed, in which case an ac potential of 900 volts shall be applied for 1 minute

(or 1,080 volts for 1 second) between all live parts and non-current carrying metal parts without breakdown occurring.

(3) In performing either the insulation resistance or the dielectric strength test, the neutral shall be disconnected from ground for the test and be re-connected afterwards.

### **Non-Relocatable Structures (Factory Built)**

#### **70-200 General**

Rules 70-100, 70-110, 70-112, 70-114, 70-118, 70-122, 70-124, 70-126, 70-128 and 70-130 shall also apply to non-relocatable structures.

#### **70-202 Connection to Overhead and Underground Supply**

Provision shall be made at the factory for the electric in the structure to be connected either to an overhead or underground power supply through conduit nipples or equivalent and supports which shall:

- (a) Be of sufficient size to accommodate conductors having the minimum ampacity determined by Section 8 of this Code; and
- (b) Be limited in number to meet the limitations set out in Rules 6-002 and 6-042.

#### **70-204 Service and Distribution Equipment**

(1) Provision shall be made at the factory for the installation either at the factory or on the job site of a service box or other approved service equipment in the structure which shall:

- (a) Be in a readily accessible location within the building;
- (b) As close as practicable to the point where the service conductors enter the building; and
- (c) Be within the individual units where multiple occupancy residential condominium or row house structures are involved; or
- (d) In a central location accessible to all tenants in all other cases.

(2) Each complete structure shall be provided with distribution equipment.

### **Recreational Vehicles**

**70-300** Electrical installation in recreational vehicles shall comply with the CSA Standard C22.2 No. 148/Z240.6.2.-1970, Electrical Requirements for Recreational Vehicles.

## **SECTION 72 — MOBILE HOME AND RECREATIONAL VEHICLE PARKS**

### **Scope and Application**

#### **72-000 Scope**

(1) Rules 72-100 to 72-116 apply to services and distribution facilities for mobile home and recreational vehicle parks.

(2) This Section is supplementary to or amendatory of the general requirements of this Code.

### **General**

**72-100 Service.** Each mobile home and recreational vehicle park and/or consumer service shall be provided with service equipment in accordance with the applicable requirements of Section 6 of this Code.

#### **72-102 Demand Factors for Service and Feeder Conductors**

(1) The minimum ampacity of the consumer service and feeder conductors for mobile home parks shall be based on the requirements of Rules 8-200 and 8-202.

(2) The minimum ampacity of the consumer service and feeder conductors in the case of recreational vehicle parks shall be calculated on the basis of the ampere rating of the receptacles and applying the following demand factors:

- (a) 100 per cent of the receptacles having the highest ampere ratings for the first two lots; plus
- (b) 65 per cent of the sum of the ampere ratings of the next two lots having the same or next smaller rated receptacles; plus
- (c) 25 per cent of the sum of ampere ratings of the remainder of the receptacles.

(3) Where 3 wire circuits are involved in the application of Subrule (2) consideration shall be given to the distribution of 2-pole receptacles on each half of the circuit.

**72-104 Feeders.** Feeders between the park consumer's service equipment and the park distribution centres shall be considered as sub-services and shall be installed in accordance with the applicable requirements of other sections of this Code.

#### **72-106 Overcurrent Devices and Disconnecting Means for Recreational Vehicles**

(1) The circuit for each receptacle for a recreational vehicle lot shall be preceded by an individual overcurrent device not exceeding the rating of the receptacle involved and by a suitable disconnecting means.

(2) All supply outlets, overcurrent devices and disconnecting means for recreational vehicles shall be within enclosures of weatherproof construction if installed outdoors.

(3) The disconnecting means shall be accessible.

#### **72-108 Overcurrent Devices and Disconnecting Means for Mobile Homes**

(1) The circuit for each mobile home lot shall be preceded by an individual overcurrent device not exceeding the rating of the equipment involved and by a suitable disconnecting means.

(2) All supply facilities for overcurrent devices and disconnecting means for mobile homes shall be within enclosures of weatherproof construction if installed outdoors.

(3) The disconnecting means shall be accessible.



**72-110 Connection Facilities for Recreational Vehicles and Mobile Homes**

(1) Each recreational vehicle lot shall be equipped with one or more of the following receptacles:

- (a) A 15 ampere, 125 volt, 2 pole, 3 wire type 5-15R receptacle;
- (b) A 30 ampere, 125 volt, 2 pole, 3 wire ANSI configuration C73.13-1966 receptacle; or
- (c) A 50 ampere, 125/250 volt, 3 pole, 4 wire type 14-50R receptacle.

(2) Each mobile home lot shall have provision for a permanent connection to the mobile unit except that for mobile homes having main overcurrent protection of 50 amperes, a 50 ampere 125/250 volt, 3 pole, 4 wire type 14-50R receptacle may be used by special permission.

(3) Receptacles when mounted in other than a horizontal plane shall be oriented so that the U-ground slot is uppermost.

**72-112 Receptacles Required.** At least 75 per cent of all serviced lots in recreational vehicle parks shall be equipped with a 30 ampere receptacle and the remainder shall be 15 ampere and/or 50 ampere receptacle of the types outlined in Rule 72-110.

**72-114 Power Supply Cords**

(1) Power supply cords may only be used for the connection of recreational vehicles where the cords are not subject to severe physical abuse or extended periods of use;

(2) Power supply cords or cord sets may only be used for the connection of a mobile home when the lot is equipped with a 50 ampere, 3 pole, 4 wire type 14-50R receptacle and acceptance by the authority enforcing this code has been granted on a special permission basis.

**72-116 Grounding.** The service neutral and all electrical equipment shall be grounded in conformity with Section 10.

**SECTION 75—PRIMARY AND SECONDARY LINES ON PRIVATE PROPERTY AND WIRING OF NON-URBAN BUILDINGS****75-000 Scope**

(1) This Section shall apply to installations of primary and secondary lines on private property and the wiring of farm buildings, and buildings in other than urban municipalities.

(2) This Section is supplementary to and not exclusive of the general requirements of this Code.

**75-001 Definitions.** In this Section:

- (a) "power conductor" means a conductor which conveys electrical power or energy and is not part of a communication circuit;
- (b) "primary line" means a set of conductors operating at a potential of more than 750 volts;

- (c) "secondary line" means a set of conductors operating at a potential of 750 volts or less.

**75-002 General Requirements**

(1) Every installation under this Section shall be submitted by the contractor for inspection in accordance with Section 2 of this Code.

(2) Where the work consists of the erection of a service line, the contractor shall consult the local supply authority as to the layout of the service line and the location of the transformer and meter.

(3) Where the work consists of the erection of conductors over or across a railway, the contractor shall submit to the inspector a plan of the crossing endorsed by the railway Company with an approval of the work.

(4) Where power conductors are to be laid underground or under water, the contractor shall submit to an inspector and obtain his written approval of the plans of the circuits of which the power conductors form part and of the specifications for the material and equipment for the circuits.

**75-004 Clearances between Power Conductors and Communication Circuits**

(1) Electrical equipment, power conductors, communication circuits and equipment shall be so constructed and maintained as to create no undue hazard to previously installed power or communication facilities.

(2) Where power conductors and communication circuits are carried on separate parallel pole-lines, such lines shall:

- (a) Be spaced apart a distance of not less than 10 feet; and
- (b) Where practicable, be spaced apart a distance such that one line cannot fall upon the other line in the event of the breaking of a pole.

(3) Where pole lines are placed such that the conductors of one circuit may fall upon the conductors of another circuit, in the event of the breaking of a pole, the power conductors shall be erected at least:

- (a) 5 feet in vertical distance above the conductors of the communication circuit where the voltage does not exceed 5000 volts to ground; and
- (b) 7 feet above the conductors of the communication circuit where the voltage exceeds 5000 volts to ground.

(4) Paragraph (a) of Subrule (3) of this Rule shall not apply to a service span from a pole to a building.



(5) Where power conductors and communication circuits are carried on the same poles, the power conductors shall be erected at least:

- (a) 3 feet 6 inches in vertical distance above the conductors of the communication circuits both at the pole and in the span, where the voltage does not exceed 5000 volts to ground; and
- (b) 6 feet in vertical distance above the conductors of the communication circuits both at the pole and in the span, where the voltage exceeds 5000 volts to ground but does not exceed 8000 volts to ground.

(6) Paragraph (a) of Subrule (5) of this Rule shall not apply to a service span from a pole to a building.

#### **75-006 Joint Use of Poles for Communication Circuits and Power Conductors**

(1) Power conductors and communication circuits shall not be carried on common poles unless the consent to the joint use of the poles, in writing, is obtained from the supply authority and the operators of the communication circuits.

(2) The conductors of a communication circuit shall not be carried on poles carrying power conductors having a voltage of more than 8000 volts to ground.

**75-008 Location of Conductors Vertically.** Where power conductors which operate at a potential of more than 750 volts cross communication wires or other wires of lesser voltage, the conductors of the circuit having the highest voltage shall be erected above such communication wires and other wires and the distances prescribed by Rule 75-004 shall apply.

**75-010 Clearances in Service Span.** Where the voltage of power conductors does not exceed 750 volts, the distance between the power conductors and a communication drop-wire in the service span from a pole to a building shall be not less than:

- (a) 1 foot where the conductors and the drop-wire are parallel; or
- (b) 2 feet where the conductors and the drop-wire cross.

#### **Erection and Installation of Overhead Power Conductors**

**75-012 Overhead Power Conductors.** The equipment and materials used for the erection or installation of overhead power conductors shall be in accordance with the requirements of Rules 75-014 to 75-104, both inclusive.

#### **75-014 Poles**

(1) Poles shall be constructed of:

- (a) Cedar;
- (b) Pressure-treated pine; or
- (c) Other approved material.

(2) Poles shall be of sound material and structure.

(3) Every pole of cedar or pressure-treated pine having a length shown in column 1 of Table 143 shall have at least the circumstance specified in column 2 of the table measured at a point distant 6 feet from the butt end of the pole.

(4) Every pole shall have at the top a minimum circumference of 15 inches for line poles, and 21 inches for transformer poles.

**75-016 Length of Poles.** Poles shall be sized in accordance with Rule 75-028 and:

(1) Every pole in a primary service line shall be at least 30 feet long.

(2) Every pole in a secondary service line shall be at least 25 feet long.

(3) Every pole on which a transformer is mounted shall be at least 35 feet long.

**75-018 Framing of Poles.** Every pole-top shall be framed in the manner prescribed by item 1, 2 or 3 of Specification 1.

#### **75-020 Setting of Pole**

(1) Where a pole having a length shown in column 1 of Table 144 is set in earth, the butt end of the pole shall be buried to a depth of at least that prescribed in column 2 of the table.

(2) Where a pole having a length shown in column 1 of Table 144 is set in solid rock, the butt end of the pole shall be buried to a depth of at least that shown in column 2 of the table less 1 foot.

(3) Where poles are erected on slopes or hillsides, the depth of the hole shall be measured from the lower side of the opening.

(4) Where it is impossible to employ the above methods, poles may be cribbed as in Specification 47.

#### **75-022 Pole Spans**

(1) Poles used in secondary service lines shall be placed not more than:

- (a) 135 feet apart for No. 6 AWG Copper M.H.D. with weatherproof insulation; and
- (b) Notwithstanding Rule 12-318 (c) of this Code, 150 feet apart for Type NS-1 or NSF-2 neutral supported cable.

(2) Subject to Subrule (3) hereof poles used in a primary service line to support conductors of a size specified in column 1 of Table 145 and of components specified in column 2 of Table 145 shall be placed not further apart than the distances specified in column 3 of Table 145.

(3) Where power conductors and communication circuits are carried on the same poles, the poles shall be placed not further apart than 175 feet.

**75-024 Pole Spans Crossing Public Road.** Where a span of electrical conductors crosses a public road:

- (a) The span shall not be longer than 135 feet; and
- (b) The poles which support the span shall be of sufficient height to provide and maintain, at a temperature of 60°F., a distance between the conductors and the surface of the road of:
  - (i) 19 feet, where the voltage between conductors is not more than 750 volts to ground; or
  - (ii) 20 feet, where the voltage between conductors is more than 750 volts to ground but not more than 8000 volts to ground.

**75-026 Span with Secondary Attached to Building**

(1) The span from the point where the secondary service line is attached to a building to the nearest pole shall not be more than:

- (a) 125 feet for size No. 3/0 AWG and smaller of Types NS-1 and NSF-2 cables; and
- (b) 100 feet for size No. 4/0 AWG of Types NS-1 and NSF-2 cables.

(2) The ampacity of Types NS-1 and NSF-2 shall be as in Table 36.

**75-028 Clearances on Private Property**

(1) The poles which support the conductors of a primary service line of not more than 15,000 volts passing over private property accessible to vehicles shall be so located and of such height as to afford a clearance of at least 20 feet measured vertically between the conductors and the ground at a temperature of 60°F.

(2) The poles which support the conductors of a secondary service line passing over private property accessible to vehicles shall be so located and of such height as to afford a clearance of at least 19 feet measured vertically between the conductors and the ground at a temperature of 60°F.

(3) The poles which support the conductors of a primary or secondary service line of not more than 15,000 volts passing over private property accessible only to pedestrians shall be so located and of such height as to afford a clearance of at least 15 feet measured vertically between the conductors and the ground at a temperature of 60°F.

(4) Where an overhead secondary line other than a service line enters a building and the height of the building is insufficient to permit the clearance required by Subrules (2) and (3) hereof, the service fitting shall be installed at the highest practicable level, which in no case shall be less than 12 feet above ground level.

(5) Where the primary span exceeds 175 feet, the clearances required by Subrules (1), (2) and (3) hereof shall be increased by 1/10 foot for each 10 feet by which the span exceeds 175 feet.

**75-030 Clearances of Service Conductors from Buildings**

(1) Where an overhead service line has a voltage of not more than 750 volts, the conductors shall be kept at least 3 feet measured horizontally or 6 feet measured vertically from all buildings except where necessary to effect a service entrance.

(2) Where an overhead service line has a voltage of more than 750 volts but not more than 15,000 volts, the conductors shall be kept distant:

(a) From a building:

- (i) At least 10 feet measured horizontally; or
- (ii) At least 15 feet above the highest point of the roof of the building; and

(b) From the top level of a barn-door, barn-window or the entrance to a hay-mow:

- (i) At least 10 feet measured vertically upwards; or
- (ii) At least 20 feet measured horizontally.

**75-032 Clearances for Other Structures**

(1) Power conductors operating at a potential of more than 150 volts to ground shall not be erected within:

- (a) 20 feet measured horizontally from windmills, flagpoles and other like structures; and



- (b) 40 feet measured horizontally from silos or wells which increase the possibility of accidental contact by persons or things with such conductors.

(2) The poles which carry the conductors of a primary line shall be so located as to avoid, so far as is practicable, the possibility of damage from contact with vehicles.

#### 75-034 Anchors and Guys

(1) Poles at dead-ends or angles in a service line shall be guyed to:

- (a) A plate anchor in the manner prescribed by Specification 2;
- (b) A log anchor in the manner prescribed by Specification 3; or
- (c) An expansion anchor in the manner prescribed by Specification 4.

(2) Where the anchor is installed in solid rock with no overburden of earth a rock-anchor shall be installed in the manner prescribed in item 1 of Specification 5.

(3) Where the anchor is installed in solid rock having an overburden of earth, it shall be installed in the manner prescribed in item 2 of Specification 5.

(4) Where local conditions do not permit the use of a guy, a push brace shall be used in the manner prescribed in Specification 6.

**75-036 Tree as Anchor.** Where power conductors have a voltage of not more than 300 volts and the guyed pole is not at the end of the line and it is not practicable to use an anchor, by special permission, the guy wire may be attached to the trunk of a sound tree, which shall be at least 12 inches in diameter at the point of attachment, by means of a  $\frac{5}{8}$  inch eye-bolt or screw-eye at least 6 inches in length.

**75-038 Guy Wires.** Guy wires shall:

- (a) Be of 7-strand steel;
- (b) Have a diameter of at least  $\frac{5}{16}$  inch; and
- (c) Be galvanized.

#### 75-040 Strain Insulator on Guy

(1) Every guy shall have a strain insulator installed in the manner prescribed in Specification 7 or, as an alternative, preformed guy grips suitable for the purpose and conductor size are acceptable.

(2) Where:

- (a) The guyed pole carries a transformer or a fused switch, and

- (b) The breaking of the guy wire could cause a part of the guy wire below the strain insulator to fall against a conductor carried by the pole,

a second strain insulator shall be installed in the guy wire at a point below the point of possible contact of the conductor and guy wire.

(3) All guy wires shall be protected by a suitable guard.

#### 75-042 Anchoring for Change of Line Direction

(1) Where a change in direction of a line does not exceed 45 degrees, a single anchor shall be used bisecting the larger angle formed by the lines.

(2) Where a change in direction of a line is greater than 45 degrees but does not exceed 60 degrees, two anchors shall be installed, one at right angles to each line.

(3) Where a change of direction in a line exceeds 60 degrees, each line shall be dead-ended with a head anchor.

#### 75-044 Guy Construction

(1) Where a guy wire passes over a roadway or other obstruction to a guy, it shall be constructed in the manner prescribed in item 1 or item 2 of Specification 8.

(2) Where the span between the guyed pole and the stub pole crosses over or under power conductors operating at a potential of more than 150 volts to ground, a second strain insulator shall be installed in the span at a point between the power conductors and the guyed pole and not less than 8 feet from the stub pole.

#### 75-046 Guy on Transformer Pole

(1) The guy wire on a transformer pole shall be attached to the pole with an approved fitting shown in item 1 of Specification 37 in the manner prescribed in Specification 7 and in such manner that there is no contact with the ground-wire on the pole.

(2) Where there is no transformer on a pole the guys may be attached in the manner prescribed by Subrule 1 hereof, or by wrapping two turns of the guy wire around the pole and using two guy hooks as shown in item 3 of Specification 37.

**75-048 Anchor Distance from Pole.** The distance of an anchor from its pole shall be at least one-third the height of the pole above ground.

**75-050 Cross-arms and Hardware.** All hardware shall be hot-dipped galvanized.

#### 75-052 Cross-arms

- (1) Cross-arms shall be:



- (a) Of Douglas fir;
- (b) At least 4½ inches wide and 3½ inches thick; and
- (c) Attached to the pole so that the longer dimension is vertical.

(2) Where Douglas fir is not available, cedar cross-arms of at least 4¾ inches in width and 3¾ inches in thickness and free of knots of more than ½ inch diameter may be used.

#### 75-054 Types of Cross-arms

(1) On a 2-pin arm the pins shall be at least 30 inches apart.

(2) On a 4-pin arm,

- (a) The 2 pins nearest the pole shall be at least 30 inches apart; and
- (b) Each of the 2 pins farthest from the pole shall be at least 18 inches distant from the pin nearer the pole, but where the pole span is 200 feet or more, the distance shall be increased to at least 30 inches.

(3) The end pins shall be at least 4 inches from the end of the cross-arms.

#### 75-056 Cross-arm Pins

(1) The pins shall be:

- (a) Wood cross-arm pins as prescribed in item 3 of Specification 9; or
- (b) Steel cross-arm pins as prescribed in item 2 of Specification 9.

(2) Where steel cross-arm pins are used, a lock washer as prescribed in item 1 of Specification 9 shall be used on each pin.

**75-058 Bracing of Cross-arms.** Two-pin cross-arms shall have two 20-inch braces and all other cross-arms shall have two 30-inch braces.

#### 75-060 Cross-arm Construction

(1) Cross-arms shall be erected in the manner shown in Specification 10 but where there is a change in direction of the line of more than 30 degrees, and at dead-ends, the cross-arms shall be erected in the manner shown in Specification 11.

(2) Where there is a change in direction of less than 3 degrees in a service line, the cross-arms shall be erected as shown in Specification 10.

(3) Where the change in direction is greater than 3 degrees but not more than 30 degrees, single arms shall be used as shown in Specification 10, but the pins shall be angle-pins as shown in item 1 of Specification 38.

(4) Where the change in direction is greater than 30 degrees but not more than 60 degrees, double arms shall be used as shown in Specification 11 but the pins shall be angle-pins as shown in item 1 of Specification 38.

(5) Where the change in direction is greater than 60 degrees buck-arms shall be used as shown in Specification 12.

#### 75-062 Dead-end Construction

(1) At dead-ends in primary service lines double arms shall be erected as shown in Specification 11.

(2) On a four-pin cross-arm, the two spacing bolts nearest the center of the cross-arm shown in Specification 11 shall be installed only when required for dead-end equipment.

(3) Spacing blocks may be used in lieu of spacing bolts.

(4) Where power conductors supported on cross-arms cross an overhead open-wire communication line having more than two circuits, the power conductors shall be supported on double cross-arms on the two poles nearest the crossing.

(5) Where the voltage of power conductors is more than 750 volts the conductors shall be dead-ended as shown in item 1 or item 2 of Specification 13 but:

- (a) Where one of the conductors is a grounded neutral, the insulator may be dispensed with on that conductor; and
- (b) Where the voltage exceeds 3000 volts to ground, two 6-inch insulators shall be used in series.

#### 75-064 Pole-top Pin Construction

(1) Pole-top pin construction may be used for single-phase grounded circuits.

(2) Where pole-top pin construction is used, it shall be as shown in item 1 of Specification 14.

(3) Where there is a change of direction of less than 3 degrees in the line, the pole-top pin construction shall be as shown in item 1 of Specification 14.

(4) Where the change of direction is greater than 3 degrees but not more than 15 degrees, a pole-top pin and saddle-clamp shall be used as shown in item 1 of Specification 15.

(5) Where the change of direction is greater than 15 degrees but not more than 60 degrees, saddle-clamps shall be used for both conductors as shown in item 2 of Specification 15.

(6) Where the change of direction is greater than 60 degrees, the construction shall be as shown in Specification 16.

(7) Where a power line on pole-top pins crosses an overhead open-wire communication line having more than two circuits, the power conductors shall be supported on double pins on the two poles nearest the crossing.

(8) At a dead-end, double arms shall be installed as shown in Specification 11, or if the dead-end is not on a transformer pole, then it may be in accordance with item 2, Specification 14. Vertical dead-ending as shown in Specification 33a is an alternative for framing.

**75-066 Secondary Racks.** Racks shall be used on secondary service lines as follows:

(1) When neutral supported cables are used, item 1 of Specification 30 shall be the type of rack used.

(2) When several conductors are used, item 2, 3 or 4 of Specification 30 shall be the type of rack depending on the number of conductors.

(3) Where there is no change of direction in a secondary service line, the rack shall be erected as shown in item 1 of Specification 17.

(4) Where there is a change of direction in a secondary service line, the rack shall be erected as shown in item 2 of Specification 17.

(5) Neutral supported cable shall be installed in accordance with Specification 45.

(6) At a dead-end in a secondary service line, the rack shall be erected as shown in item 3 of Specification 17.

(7) The secondary conductors shall be dead-ended as shown in Specification 18 or, if neutral supported cables are used, as shown in item 1 of Specification 30.

#### **75-068 Rack Clearance**

(1) Where primary and secondary service conductors are carried on the same poles and the primary conductors are carried on cross-arms, the top of the rack for the secondary conductors shall be at least 2 feet below the centre of the cross-arms for primary conductors.

(2) Where the primary conductor is carried on a pole-top pin, the secondary rack shall be at least 4 feet below the primary conductor.

(3) Where the conductors of primary and secondary lines are carried on the same poles on private property, the secondary line shall have a neutral conductor separate on the pole from the neutral conductor of the primary line.

#### **75-070 Insulators**

(1) The insulator used on the conductors of a primary circuit having a voltage of more than 750

volts but not more than 5000 volts to ground shall be of the top-tie, wet-process porcelain type as shown in item 1 of Specification 19.

(2) For:

(a) Grounded primary circuits having a voltage of more than 5000 volts but less than 8000 volts to ground; or

(b) Ungrounded circuits of more than 5000 volts but not more than 15,000 volts between conductors, the phase insulators shall be of the top-tie, wet-process porcelain type as shown in item 2 of Specification 19.

(3) The insulator used on a secondary spool-type rack shall be porcelain as shown in Specification 20.

#### **75-072 Conductor Splices**

(1) Where a splice is required in steel reinforced conductors, the splice shall be made in the manner prescribed by Specification 21 or a compression joint may be used.

(2) Where a splice is required in hard-drawn copper conductors, the splice shall be made with a sleeve as prescribed in item 1 of Specification 22 or a compression joint may be used.

(3) Where the conductor to be spliced is of medium-hard-drawn copper, the method shown in item 2 of Specification 22 may be used in lieu of a sleeve but the splice shall be soldered.

(4) Where the conductor to be spliced is of medium-hard-drawn stranded copper:

(a) The method shown in item 3 of Specification 22 shall be used; and

(b) The splice shall be soldered.

(5) The method of splicing shown in items 2 and 3 of Specification 22 shall not be used where the conductors are of hard-drawn copper.

(6) Where a span of a power conductor crosses an overhead communication circuit, the use of splices in the span and in the two spans adjoining it shall be avoided where practicable.

**75-074 Conductors.** Conductors used on primary service lines of more than 750 volts shall be of at least a size shown in column 1 of Table 145.

**75-076 Longer Span.** Where, by reason of special circumstances, the use of a span longer than that permitted by Table 145 is necessary, an inspector may permit the use of a longer span subject to such conditions as to materials and methods of construction and support as he may consider necessary.

#### **75-078 Conductors of Secondary Service**

(1) The conductors of a secondary service line shall have at least the conductivity and strength of No. 6 AWG gauge medium-hard-drawn copper wire.



(2) The conductors of a secondary line, other than the neutral conductor, shall have a weatherproof covering.

(3) The neutral conductor shall be:

- (a) Bare; and
- (b) Placed in the same position in the circuit in relation to the other conductors, as the neutral conductor of the supply authority is in relation to its other conductors.

#### **75-080 Type of Service Line Conductors and Sag Between Poles**

(1) Where the conductors of a service line are of neutral supported cable they shall be erected so that the sag between poles is that shown in Table 148 at the specified temperatures, for the size of the cable.

(2) Where the conductors of a service line are of copper with a weatherproof covering they shall be erected so that the sag between poles is that shown in Table 146 at the specified temperatures for the size of the cable.

(3) Where the conductors of a service line are of steel-reinforced aluminum conductors, they shall be erected so that the sag between poles is that shown in Table 147 for the specified temperatures.

#### **75-082 Conductor Ties**

(1) Where insulators are required in a primary service line having aluminum conductors, the conductors shall be tied to pin-type insulators:

- (a) In the manner prescribed by Specification 23 where there is no change in direction of the line at the insulator; and
- (b) In the manner prescribed by Specification 24 where there is a change in direction of the line at the insulator.

(2) Where insulators are required in a primary service line having conductors of copper with weatherproof covering, the conductors shall be tied to pin-type insulators:

- (a) In the manner prescribed by Specification 25 where there is no change of direction of the line at the insulator; and
- (b) In the manner prescribed by Specification 26 where there is a change of direction of the line at the insulator.

(3) Where insulators are required on a primary service line having a copper conductor with weatherproof covering and the voltage exceeds 3000 volts to ground the covering shall be removed from the conductor for a distance of 12 inches and that portion

of the conductor which is bare shall be centrally located on the insulator and tied in the manner prescribed by Specification 28.

(4) Where insulators are required in a secondary service line having copper conductors with weatherproof covering, the conductors shall be tied to secondary-rack spool-type insulators in the manner prescribed by Specification 27.

**75-084 Conductor Taps.** Taps to conductors shall be made with clamps as shown in Specification 35.

**75-086 Insulating Bare Conductor.** Where insulation has been removed from a conductor in the making of a splice, tap or dead-end, the bare part of the conductor and the clamp, if any, shall be taped and painted with insulating compound.

**75-088 Removal of Insulation.** Where a dead-end is made on an insulated conductor, the insulation shall be removed from the conductor only at the place where the clamp is attached.

#### **75-090 Attachment of Service Wires**

(1) Supply service wires shall terminate on a dead-end rack of a type shown in Specification 29 or 30 mounted:

- (a) On a secondary service pole; or
- (b) Attached to the timber framing of a building by two machine bolts of at least one-half inch diameter backed by washers unless a one-wire rack is used such as shown in item 1 of Specification 30.

(2) Where it is necessary to install an approved service mast to meet the requirements of Rule 6-010, the mast shall be attached to the building as shown in Specification 46.

#### **75-092 Conductor Sag Between Pole and Building**

(1) Where the conductors of the service line are of weatherproof covered copper, they shall be erected so that the sag in the span between a pole and building is in accordance with Table 149 for the specified temperature and span length.

(2) Where the conductors of the service line are of neutral supported cable, they shall be erected so that the sag in the span between a pole and building is in accordance with Table 148 for the specified temperature and span length.

#### **75-094 Service Box Installation**

(1) Where a service box is installed on a pole which supports the conductors of a secondary service only, the service box shall be erected as shown in Specification 32.



(2) Where a service box is installed on a transformer pole, no equipment other than that shown in Specification 33 shall be placed on the pole.

(3) Where the service consists of a completely self-protected transformer or central metering system, no equipment other than that shown in Specification 34 shall be placed on the pole except by special permission.

(4) Service boxes shall not be installed on poles located on a public road.

(5) The following requirements shall apply to the Central Metering System (CM):

- (a) A standard pole-mounted distribution transformer without a secondary breaker or pole-mounted service switch shall be used to supply multi-building farm installations;
- (b) The method of entry of conductors into a building shall be in accordance with Rule 6-018 of this Code;
- (c) The service equipment shall be bonded to the neutral;
- (d) A ground electrode shall be used at each service in accordance with Rule 75-108;
- (e) Each building shall have one main service box except where there are not more than six subdivisions of the main service and the subdivision boxes are grouped;
- (f) New overhead yard wiring shall be triplex with a minimum of No. 2 AWG aluminum;
- (g) The ampacity of the overhead or underground conductors feeding one or more services shall be based on:
  - (i) 100% of the rating of the largest service; plus
  - (ii) 75% of the sum of the ratings of all other services supplied.
- (h) All transformer poles and poles carrying secondary conductors shall carry the following warning sign:
 

"Danger—Keep Off. If work on this pole or near wires is necessary, call the Hydro Area Office."
- (i) Transformer pole hardware and metering equipment shall be in accordance with Specification 34;
- (j) If metering is located on other than a transformer pole, the conduit shall be bonded to the overhead supply neutral in addition to the connection to a ground electrode shown on Specification 34.

#### **75-096 Service Attachment to Poles**

(1) No electrical equipment of a consumer's service shall be attached to the poles of a supply authority without express permission of the supply authority.

(2) The permission of the supply authority shall not be granted where the attachment cannot be made below the attachments of the supply authority.

#### **75-098 Service Box Installation on a Transformer Pole**

(1) Where a service box is installed on a transformer pole:

- (a) The ground electrode shall be installed at the pole by the supply authority;
- (b) The consumer shall provide a grounding conductor for the non-current-carrying metal parts of the service box; and
- (c) The supply authority shall connect the grounding conductor to the ground wire on the pole.

(2) All non-current-carrying metal parts of the service box shall be grounded.

**75-099 Location of Meters.** Requirements for meter locations are made in Rule 6-060 of this Code as follows:

(1) Meters and metering equipment shall be installed in locations satisfactory to both the inspection department and the supply authority and shall be:

- (a) Located as near as practicable to the service box except as provided for in Subrule (2);
- (b) Grouped where practicable;
- (c) Readily accessible;
- (d) Not located in coal bins, clothes closets, bathrooms, stairways, dangerous or hazardous locations, nor in any similar undesirable places; and
- (e) If mounted outdoors, of weatherproof construction or in weatherproof enclosures.

(2) Instrument transformers may be outside the consumer's premises and the meter inside the premises, providing the secondary leads between the instrument transformers and the meter terminal box or test links are continuous and are installed in the same manner as service entrance conductors, with the exception that a service box with disconnecting switch is not required.

**NOTE:**

Where a service box is installed inside a building, it shall be so located that the meter is readily accessible for reading and is not exposed to moisture, dust or corrosive vapour.

**75-100 Conductors to the Service Switch.** Conductors connected to the load side of a service switch shall not be installed in a conduit with conductors connected to the line side of the service switch.

**75-102 Disconnection of Live Supply.** No person other than an authorized person shall do any work on a pole carrying conductors having a voltage of more than 300 volts until the local superintendent of the supply authority has been notified and the power has been shut off.

**75-104 Tree Trimming.** At the time of the installation of a primary line on private property, all trees adjacent to the line shall be trimmed so as to afford a clearance of:

- (a) At least 8 feet between light limbs and branches and the conductors of a primary line exceeding 750 volts;
- (b) At least 4 feet between light limbs and branches and the conductors of a secondary line not exceeding 750 volts; and
- (c) At least 6 feet between heavy main tree trunks or limbs, which do not sway appreciably, and the conductors.

**75-106 Grounding Conductors**

(1) The grounding conductor shall be in accordance with Section 10.

(2) Armoured-cable shall not be used as a grounding conductor, when in an area that may be frequented by livestock.

- (3) (a) Where a rubber-insulated or thermoplastic insulated wire is used for the grounding-conductor, those parts located above ground shall be protected against mechanical injury by means of wood ground-wire moulding or similar means approved by the inspector; and
- (b) Metal guards or conduit shall not be used as protection for the grounding conductor in locations accessible to livestock.

**75-108 Ground Electrodes**

(1) Each ground electrode shall consist of one or more standard ground-rods.

(2) There shall be not less than two ground-rods installed for each consumer's installation.

(3) Ground-rods, if of iron or steel, shall have a minimum diameter of  $\frac{5}{8}$  inch.

(4) Ground-rods shall be provided with solderless clamps of an approved type.

(5) Where a ground-electrode consists of two or more ground-rods, the ground-rods shall be installed not less than 10 feet apart.

(6) Where ground-rods are installed outside a building, they shall:

- (a) Be at least 10 feet long; and
  - (b) Be driven to a depth such that the ground-clamps are 12 inches below ground-level.
- (7) Where ground-rods are installed in a basement:

- (a) They shall extend not less than 5 feet into the ground; and
  - (b) Ground-clamps which are protected against mechanical injury may be located above the surface of the floor through which the rods are driven.
- (8) All ground electrodes shall be connected to the system neutral to minimize voltage gradients.

**75-110 Location of Underground Grounding Conductor**

(1) Where the grounding conductor is run underground to the ground electrode, it shall:

- (a) Be buried in the earth to a depth of not less than 12 inches below the ground-level;
- (b) Not be located within 10 feet of a doorway; and
- (c) Not be located in an area normally frequented by livestock.

(2) Where it is impracticable to obtain adequate resistance to ground, an inspector may require that ground connections be dispensed with at individual services.

**75-112 Grounding of Service Equipment on Transformer Poles**

(1) Where the service equipment is installed on a transformer pole:

- (a) The neutral conductor of the consumer's service shall not be grounded by any person other than an employee of the supply authority;
- (b) (i) The neutral conductor shall be brought into the service box;



- (ii) The neutral conductor must be installed in the line and in the load conduits on a service pole, and notwithstanding the provisions of Rule 10-204, the neutral conductor may be bare.
- (c) The contractor shall bond the non-current-carrying metal parts of the service equipment to a grounding conductor sized in accordance with Rule 10-614, and at least 2 feet of the grounding-conductor shall extend outside the weatherproof enclosure.
- (2)(a) The supply authority shall attach the grounding-conductor to the supply authority's ground wire by means of a solderless connector; and
- (b) The supply authority shall supply and install the ground-electrode consisting of at least two rods.

**75-113 Clearance Lightning-Conductors.** Requirements for clearance of lightning-conductors are made in this Code as follows:

**10-708 Spacing or Bonding of Electrical and Lightning Rod Systems.** Where practicable, a clearance of at least six feet shall be provided between lightning rod conductors and electrical conductors and equipment, but where this separation is not possible, the ground electrodes for the two systems shall be connected together, at or below ground level, with a copper conductor of a size not less than that of the grounding conductor for the electrical system and in no case shall the bonding conductor be smaller than No. 6 AWG copper.

**12-018 Lightning Rod Conductors.** Where lightning rod conductors are installed, electrical wiring shall, where practicable, be kept at least 6 feet from such conductors except where bonding is provided in accordance with Rule 10-708:

**NOTE:**

(1) Where lightning-conductors are installed on a building, electric wiring not in metal enclosures shall be kept at least 6 feet from the lightning-conductors and where that is not practicable the neutral conductors shall be bonded to the lightning-conductors at the maximum elevation of the wiring.

(2) Where it is not practicable to keep the electric wiring at least 6 feet from the lightning-conductors or to bond the neutral conductors to the lightning-conductors as required by note (1) hereof, the service neutrals shall be bonded to the lightning-conductors.

(3) Metal enclosures of circuit conductors shall where practicable be kept at least 6 feet from the lightning-conductors and where this is not practicable, shall be bonded to the lightning-conductors.

**75-114 Overhead Secondary Circuits and Feeders**

(1) Conductors shall be installed in accordance with Rules 12-300 to 12-318 inclusive.

(2) The span between buildings shall not exceed 100 feet.

(3) Where overhead feeders are more than one pole span in length they shall be terminated in accordance with Subrule (1) of Rule 75-090.

(4) Where an overhead feeder is dead-ended and guyed on the last pole, and the length of the feeder drop between the pole line and the attachment on the building does not exceed 50 feet, the conductors may be attached to the building as shown in Specification 31 with an approved type of service knob.

**75-116 Attachment of Feeder Conductors**

(1) Where a service knob is attached to a solid-masonry wall it shall:

- (a) Have a No. 22 wood screw at least 2 inches long; and
- (b) Be anchored in the solid part of the masonry as shown in item 4 of Specification 31.

(2) Where a service knob is attached to solid wood at least 2 inches thick, it shall have a No. 22 wood screw at least 2 inches long.

(3) Where a service knob is attached to a sheathed frame building, the screw of the service knob shall be at least  $3\frac{1}{2}$  inches long and shall be screwed into:

- (a) A stud or other solid member at least 3 inches thick; or
- (b) Face boards or other wooden members which are sufficiently reinforced to prevent breaking of the face board or member,

in the manner indicated in item 2 of Specification 31.

(4) A  $\frac{1}{8}$ -inch hole shall be drilled into the wood before the screw is inserted.

(5) Screws shall not be inserted in the end grain of wooden members.

(6) Where a service knob is attached to a brick veneer building, it shall be attached in the manner indicated in item 1 of Specification 31, and the screw of the service knob shall:

- (a) Be at least  $6\frac{1}{2}$  inches long; and
- (b) Pass through the mortar course into the sheathing.



(7) Where a service knob is attached to a stucco or hollow-tile wall, the service knob shall have a ¼-inch toggle bolt and shall be attached in the manner indicated in item 3 of Specification 31.

**75-118 Secondary Conductors Across a Public Road.** Where a consumer desires to run the conductors of a secondary feeder across a public road between a house and a barn, the crossing shall not be made unless:

- (a) Written permission has been obtained from the supply authority and from the authority having control over the road; and
- (b) The conductors are erected at least 19 feet above the road level.

**75-119 Location of Service Equipment.** Requirements for the location of service equipment are made in this Code as follows:

**6-028 Service Equipment Location.** Service boxes or other approved service equipment shall be installed in a location satisfactory to both the inspection department and the supply authority and shall be:

- (a) Readily accessible, or have the means of operating them readily accessible;
- (b) Not located in coals bins, clothes closets, bathrooms, stairways, high ambient rooms, dangerous or hazardous locations, nor in any similar undesirable places;
- (c) Except by special permission, placed within the building;
- (d) If placed on the outside of a building or on a pole:
  - (i) Protected from the weather, or be weatherproof, and
  - (ii) Protected from mechanical injury if less than six feet above ground; and
- (e) As close as practicable to the point where the service conductors enter the building.

#### **18-016 Non-Essential Electrical Equipment**

(1) No electrical equipment shall be used in a hazardous location, unless it is essential to the processes being carried on therein.

(2) Service equipment, panelboards, switchboards, and similar electrical equipment shall, where practicable, be located in rooms or sections of the building in which hazardous conditions do not exist.

**36-024 Service Equipment Location.** Service equipment shall be installed in a location satisfactory to the supply authority and the inspection department and, in the case of a building, shall be at the point of service entrance.

#### **NOTE:**

(1) Meter-equipment shall not be installed in a barn, stable or other building in which livestock is or may be kept or stabled.

(2) (a) Service boxes designed for inside use shall not be installed out-of-doors.

(b) Where service boxes and meters are protected completely against rain and snow they may be installed on verandas.

(3) The non-current-carrying metal parts of the service and the neutral conductor of the consumer's service shall be grounded in accordance with the Section 10 on Grounding.

#### **75-120 Yard-lights**

(1) Yard-lights shall not be installed on a transformer pole, unless installed and maintained by the supply authority.

(2) Where yard-lights are installed on poles carrying the conductors of a primary line, the lighting fixtures shall be at least 6 feet below the conductors.

(3) Where yard-lights are controlled from more than one point by switches, each switch shall be so wired and connected that the identified conductor runs direct to the light or lights controlled by it.

(4) The identified conductor of the circuit supplying the yard-light may be connected to the neutral conductor of a feeder or sub-feeder.

#### **75-122 Wiring in Buildings**

(1) Where a feeder or sub-feeder enters a building, a 3-wire service box of the solid-neutral type shall be installed at the point of entrance.

(2) Where a service box supplies more than two branch-circuits, over current devices shall be installed on the load side of the main switch or circuit-breaker.

(3) The over-current devices shall be mounted in an approved enclosure separate from that of the main switch or circuit-breaker except that an approved panelboard may be used in which the main switch or circuit-breaker is in the same enclosure with the branch-circuit over current devices.

(4)(a) All feeders shall enter barns and out-buildings in rigid conduit or non-metallic sheathed cable.

(b) Notwithstanding paragraph (a) hereof, where feeders are protected by overcurrent devices installed in the transformer, non-metallic sheathed cable is not permitted.

(5) Where non-metallic sheathed cable is used, it shall:

- (a) Be located inside the buildings; and
- (b) Be of the NMW type.

(6) The conduit or non-metallic sheathed cable shall be fitted with an approved weatherproof service fitting.

(7) Non-metallic sheathed cables having aluminum conductors are not permitted in barns or stables.

#### **75-124 Wiring Methods**

(1) The wiring in barns, stables and out-buildings shall be:

- (a) Knob-and-tube wiring;
- (b) Non-metallic sheathed cable of the NMW type; or
- (c) Any other method by special permission.

(2) The wiring in a residence may be:

- (a) Knob-and-tube wiring;
- (b) Non-metallic sheathed cable; or
- (c) Any other approved method.

(3) Where non-metallic sheathed cable is run:

- (a) On a wall or the framework of a barn, out-building or residence; or
- (b) In any other place where it is likely to be damaged by cattle or by the impact with moving objects, it shall be protected by wooden guard strips or boxing.

#### **75-126 Wiring Devices**

(1) Except by special permission, keyless weather-proof pigtail lamp-holders shall be installed at lamp outlets in barns, stables and out-buildings.

(2) All lamp outlets shall be controlled by means of wall switches.

(3) An outlet, switch, receptacle or other wiring device shall be:

- (a) Contained in a box made of insulating material having a cover of insulating material; or
- (b) An approved self-contained outlet, switch, receptacle or other wiring device, made of insulating material.

**75-128 Fixed Lighting.** Where combustible dust or chaff is likely to collect on lamps installed in fixed positions, the lamps shall be:

- (a) Installed so that they hang vertically; and
- (b) Enclosed in semi-dust-tight globes.

**TABLE 1**

(See Rules 4-002, 12-2212, 12-2312, 14-054, 26-114, 42-008, 42-018, and 56-004)

**ALLOWABLE AMPACITIES FOR  
SINGLE COPPER CONDUCTORS IN FREE AIR**

\*Based on Ambient Temperature of 30C (86F)

Size  AWG MCM	†Allowable Ampacity					
	†60C	†75C	†85-90C	†110C	†125C	†200C
	Types R60, RW60, T, TW	Types R75, RW75, TWH	Types R90, V, RW90, A-6, A-18	Types A-1, A-2, A-9, A-20	See Note 3	Type A-7 Bare Wire
			‡Single Conductor Mineral-Insulated Cable			
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
14	20	20	20	40	40	45
12	25	25	25	50	50	55
10	40	40	40	65	70	75
8	55	65	70	85	90	100
6	80	95	100	120	125	135
4	105	125	135	160	170	180
3	120	145	155	180	195	210
2	140	170	180	210	225	240
1	165	195	210	245	265	280
0	195	230	245	285	305	325
00	225	265	285	330	355	370
000	260	310	330	385	410	430
0000	300	360	385	445	475	510
250	340	405	425	495	530	....
300	375	445	480	555	590	....
350	420	505	530	610	655	....
400	455	545	575	665	710	....
500	515	620	660	765	815	....
600	575	690	740	855	910	....
700	630	755	815	940	1,005	....
750	655	785	845	980	1,045	....
800	680	815	880	1,020	1,085	....
900	730	870	940	....	....	....
1,000	780	935	1,000	1,165	1,240	....
1,250	890	1,065	1,130	....	....	....
1,500	980	1,175	1,260	1,450	....	....
1,750	1,070	1,280	1,370	....	....	....
2,000	1,155	1,385	1,470	1,715	....	....
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7



\*See Table 4A for the correction factors to be applied to the values in columns 2 to 7 for ambient temperatures over 30C (86F).

†The ampacity of single conductor aluminum-sheathed cable is based on the type of insulation used on the copper conductor.

‡These are maximum allowable conductor temperatures for single conductors run in free air and may be used in determining the ampacity of other conductor types in Table 19, which are so run, as follows: From Table 19 determine the maximum allowable conductor temperature for that particular type: then from the above Table determine the ampacity under the column of corresponding temperature rating.

§These ratings are based on the use of 85C insulation on the emerging conductors and for sealing. By special permission, mineral-insulated cable may be used at higher temperatures without decrease in allowable ampacity, provided that insulation and sealing material approved for such higher temperature is used.

- NOTES: 1. The ratings of Table 1 may be applied to a conductor mounted on a plane surface of masonry, plaster, wood, or any material having a conductivity not less than 5 Btu per hour, per square foot, per degree centigrade, per inch.
2. For correction factors where from 2 to 4 conductors are present and in contact, see Table 4B.
3. These capacities are only applicable under special circumstances where the use of insulated conductors having this temperature rating are acceptable to the inspection department.
4. Type R90 silicone wire may be used in ambient temperatures up to 65C (149F) without applying the correction factors for ambient temperatures above 30C provided the temperature of the conductor at the terminations does not exceed 90C (194F).

TABLE 2

(See Rules 4-002, 12-2212, 12-2312, 14-054, 26-114,  
42-008, 42-018, and 56-004)

ALLOWABLE AMPACITIES FOR  
NOT MORE THAN 3 COPPER CONDUCTORS IN RACEWAY OR CABLE

\*Based on Ambient Temperature of 30C (86F)

Size AWG MCM	†Allowable Ampacity					
	†60C	†75C	†85-90C	†110C	†125C	†200C
	Types R60, RW60, T, TW	Types R75, RW75, TWH	Types R90, V, RW90, A-6, A-18, NMD-7**	Types A-1, A-2 A-9, A-20	See Note 1	See Note 1
			Paper			
			‡Mineral-Insulated Cable			
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
14	15	15	15	30	30	30
12	20	20	20	35	40	40
10	30	30	30	45	50	55
8	40	45	50	60	65	70
6	** 55	65	70	80	85	95
4	70	85	90	105	115	120
3	80	100	105	120	130	145
2	100	115	120	135	145	165
1	110	130	140	160	170	190
0	125	150	155	190	200	225
00	145	175	185	215	230	250
000	165	200	210	245	265	285
0000	195	230	235	275	310	340
250	215	255	270	315	335	...
300	240	285	300	345	380	...
350	260	310	325	390	420	...
400	280	335	360	420	450	...
500	320	380	405	470	500	...
600	355	420	455	525	545	...
700	385	460	490	560	600	...
750	400	475	500	580	620	...
800	410	490	515	600	640	...
900	435	520	555	...	...	...
1,000	455	545	585	680	730	...
1,250	495	590	645	...	...	...
1,500	520	625	700	785	...	...
1,750	545	650	735	...	...	...
2,000	560	665	775	840	...	...
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7

*\*See Table 4A for the correction factors to be applied to the values in columns 2 to 7 for ambient temperatures over 30C (86F).*

*†The ampacity of aluminum-sheathed cable is based on the type of insulation used on the copper conductors.*

*‡These are maximum allowable conductor temperatures for 1, 2, or 3 conductors run in a raceway or 2 or 3 conductors, run in a cable and may be used in determining the ampacity of other conductor types in Table 19, which are so run, as follows: From Table 19 determine the maximum allowable conductor temperature for that particular type; then from the above Table determine the ampacity under the column of corresponding temperature rating.*

*§These ratings are based on the use of 85C insulation on the emerging conductors and for sealing. By special permission, mineral-insulated cable may be used at higher temperatures without decrease in allowable ampacity, provided that insulation and sealing material approved for such higher temperature is used.*

*\*\*For 3-wire single-phase residential services and sub-services the allowable ampacity for size No. 6 AWG shall be 60 amps. In this case the 5 per cent adjustment per Clause 8-102(1) cannot be applied.*

- NOTES: 1. *These capacities are only applicable under special circumstances where the use of insulated conductors having this temperature rating are acceptable to the inspection department.*
2. *Type R90 silicone wire may be used in ambient temperatures up to 65C (149F) without applying the correction factors for ambient temperatures above 30C provided the temperature of the conductor at the terminations does not exceed 90C (194F).*



TABLE 3

(See Rules 4-002, 12-2212, 12-2312, 14-054, 26-114,  
42-008, 42-018, and 56-004)

ALLOWABLE AMPACITIES FOR  
SINGLE ALUMINUM CONDUCTORS IN FREE AIR

\*Based on Ambient Temperature of 30C (86F)

Size AWG MCM	†Allowable Ampacity					
	†60C	†75C	†85-90C	†110C	†125C	†200C
	Types R60, RW60, T, TW	Types R75, RW75, TWH	Types R90, V, RW90	See Note 3	See Note 3	Bare Wire
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
12	20	20	20	40	40	45
10	30	30	30	50	55	60
8	45	45	45	65	70	80
6	60	75	80	95	100	105
4	80	100	105	125	135	140
3	95	115	120	140	150	165
2	110	135	140	165	175	185
1	130	155	165	190	205	220
0	150	180	190	220	240	255
00	175	210	220	255	275	290
000	200	240	255	300	320	335
0000	230	280	300	345	370	400
250	265	315	330	385	415	...
300	290	350	375	435	460	...
350	330	395	415	475	510	...
400	355	425	450	520	555	...
500	405	485	515	595	635	...
600	455	545	585	675	720	...
700	500	595	645	745	795	...
750	515	620	670	775	825	...
800	535	645	695	805	855	...
900	580	700	750	...	...	...
1,000	625	750	800	930	990	...
1,250	710	855	905	...	...	...
1,500	795	950	1,020	1,175	...	...
1,750	875	1,050	1,125	...	...	...
2,000	960	1,150	1,220	1,425	...	...
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7

*\*See Table 4A for the correction factors to be applied to the values in columns 2 to 7 for ambient temperatures over 30C (86F).*

*†The ampacity of single-conductor aluminum-sheathed cable is based on the type of insulation used on the aluminum conductor.*

*‡These are maximum allowable conductor temperatures for single conductors run in free air and may be used in determining the ampacity of other conductor types in Table 19, which are so run, as follows: From Table 19 determine the maximum allowable conductor temperature for that particular type; then from the above Table determine the ampacity under the column of corresponding temperature rating.*

- NOTES: 1. *The ratings of Table 3 may be applied to a conductor mounted on a plane surface of masonry, plaster, wood, or any material having a conductivity not less than 5 Btu per hour, per square foot, per degree centigrade, per inch.*
2. *For correction factors where from 2 to 4 conductors are present and in contact, see Table 4B.*
3. *These capacities are only applicable under special circumstances where the use of insulated conductors having this temperature rating are acceptable to the inspection department.*

TABLE 4

(See Rules 4-002, 12-2212, 12-2312, 14-054, 26-114, 42-008, 42-018, and 56-400)

ALLOWABLE AMPACITIES FOR  
NOT MORE THAN 3 ALUMINUM CONDUCTORS IN  
RACEWAY OR CABLE

\*Based on Ambient Temperature of 30C (86F)

Size AWG MCM	†Allowable Ampacity					
	‡60C	‡75C	‡85-90C	‡110C	‡125C	‡200C
	Types R60, RW60, T, TW	Types R75, RW75, TWH	Types R90, V, RW90, NMD-7§  Paper	See Note 1	See Note 1	See Note 1
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
12	15	15	15	25	30	30
10	25	25	25	35	40	45
8	30	30	30	45	50	55
6	40	50	55	60	65	75
4	55	65	70	80	90	95
3	65	75	80	95	100	115
2	75	90	95	105	115	130
1	85	100	110	125	135	150
0	100	120	125	150	160	180
00	115	135	145	170	180	200
000	130	155	165	195	210	225
0000	155	180	185	215	245	270
250	170	205	215	250	270	...
300	190	230	240	275	305	...
350	210	250	260	310	335	...
400	225	270	290	335	360	...
500	260	310	330	380	405	...
600	285	340	370	425	440	...
700	310	375	395	455	485	...
750	320	385	405	470	500	...
800	330	395	415	485	520	...
900	355	425	455	...	...	...
1,000	375	445	480	560	600	...
1,250	405	485	530	...	...	...
1,500	435	520	580	650	...	...
1,750	455	545	615	...	...	...
2,000	470	560	650	705	...	...
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7

\*See Table 4A for the correction factors to be applied to the values in columns 2 to 7 for ambient temperatures over 30C (86F).

†The ampacity of aluminum-sheathed cable is based on the type of insulation used on the aluminum conductors.

‡These are maximum allowable conductor temperatures for 1, 2, or 3 conductors run in a raceway or 2 or 3 conductors, run in a cable and may be used in determining the ampacity of other conductor types in Table 19, which are so run, as follows: From Table 19 determine the maximum allowable conductor temperature for the particular type; then from the above Table determine the ampacity under the column of corresponding temperature rating.



§For 3-wire, single-phase residential services and sub-services, the allowable ampacity for sizes No. 2 and No. 6 AWG shall be 100 amps. and 60 amps. respectively. In this case the 5 per cent adjustment per Clause 8-102(1) cannot be applied.

NOTE: These capacities are only applicable under special circumstances where the use of insulated conductors having this temperature rating are acceptable to the inspection department.

TABLE 4A

(See Rule 4-002(9))

**CORRECTION FACTORS APPLYING TO TABLES 1, 2, 3, AND 4**

**Ampacity Correction Factors  
for**

**Ambient Temperatures Above 30C (86F)**

(These correction factors apply, column for column, to Tables 1, 2, 3, and 4)

Ambient Temperature		Correction Factor					
C	F						
40	104	0.82	0.88	0.90	0.94	0.95	—
45	113	0.71	0.82	0.85	0.90	0.92	—
50	122	0.58	0.75	0.80	0.87	0.89	—
55	131	0.41	0.65	0.74	0.83	0.86	—
60	140	—	0.58	0.67	0.79	0.83	0.91
70	158	—	0.35	0.52	0.71	0.76	0.87
75	167	—	—	0.43	0.66	0.72	0.86
80	176	—	—	0.30	0.61	0.69	0.84
90	194	—	—	—	0.50	0.61	0.80
100	212	—	—	—	—	0.51	0.77
120	248	—	—	—	—	—	0.69
140	284	—	—	—	—	—	0.59
Col. 1		Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7

NOTE: The ampacity of a given conductor type at these higher ambient temperatures is obtained by multiplying the appropriate value from Tables 1, 2, 3, or 4 by the correction factor for that higher temperature.

TABLE 4B

(See Rule 4-002(10))

**CORRECTION FACTORS FOR TABLES 1 AND 3**

**Where From 2 to 4 Single Conductors  
are Present and in Contact**

Number of Conductors	Correction Factors
2	0.90
3	0.85
4	0.80

- NOTES: 1. Where four conductors form a three-phase-with-neutral system, the values for three conductors may be used. Where three conductors form a single-phase, three-wire system, the values for two conductors may be used.
2. Where more than four conductors are in contact, the ratings for conductors in raceways shall be used.

**TABLE 5**  
*(See Rule 12-1118)*  
**MAXIMUM NUMBER OF CONDUCTORS IN TRADE SIZES OF CONDUIT OR TUBING**  
**(0-600 Volts)**  
**Types FF-32, RF-32, R-60, R-75, RW-60, RW-75, RW-90, R-90, R-90**  
**(Silicone #14, #12 & #10)**

*(For derating factors see Rule 4-002)*

Size AWG MCM	Maximum Number of Conductors in Conduit or Tubing											
	1/2 Inch	3/4 Inch	1 Inch	1 1/4 Inch	1 1/2 Inch	2 Inch	2 1/2 Inch	3 Inch	3 1/2 Inch	4 Inch	5 Inch	6 Inch
18	7	12	20	30	30	30	30	30	30	30	30	30
16	6	10	17	30	30	30	30	30	30	30	30	30
14	4	6	10	18	25	30	30	30	30	30	30	30
12	3	5	8	15	21	30	30	30	30	30	30	30
10	1	4	7	13	17	29	30	30	30	30	30	30
8	1	3	4	7	10	17	25	30	30	30	30	30
6	1	1	3	4	6	10	15	23	30	30	30	30
4	1	1	1	3	5	8	12	18	24	30	30	30
3	—	1	1	3	4	7	10	16	21	28	30	30
2	—	1	1	3	4	6	9	14	19	24	30	30
1	—	1	1	1	3	4	7	10	14	18	29	30
0	—	—	1	1	2	4	6	9	12	16	25	30
00	—	—	1	1	1	3	5	8	11	14	22	30
000	—	—	1	1	1	3	4	7	9	12	19	27
0000	—	—	—	1	1	2	3	6	8	10	16	23

*(Continued)*

TABLE 5 (Continued)

Size AWG MCM	Maximum Number of Conductors in Conduit or Tubing												
	1/2 Inch	3/4 Inch	1 Inch	1 1/4 Inch	1 1/2 Inch	2 Inch	2 1/2 Inch	3 Inch	3 1/2 Inch	4 Inch	5 Inch	6 Inch	
250	—	—	—	1	1	1	3	5	6	8	13	19	
300	—	—	—	1	1	1	3	4	5	7	11	16	
350	—	—	—	1	1	1	1	3	5	6	10	15	
400	—	—	—	—	1	1	1	3	4	6	9	13	
500	—	—	—	—	1	1	1	3	4	5	8	11	
600	—	—	—	—	—	1	1	1	3	4	6	9	
700	—	—	—	—	—	1	1	1	3	3	6	8	
750	—	—	—	—	—	1	1	1	3	3	5	8	
800	—	—	—	—	—	1	1	1	2	3	5	7	
900	—	—	—	—	—	1	1	1	1	3	4	7	
1,000	—	—	—	—	—	1	1	1	1	3	4	6	
1,250	—	—	—	—	—	—	1	1	1	1	3	5	
1,500	—	—	—	—	—	—	—	1	1	1	3	4	
1,750	—	—	—	—	—	—	—	1	1	1	2	4	
2,000	—	—	—	—	—	—	—	1	1	1	1	3	
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	



MAXIMUM NUMBER OF CONDUCTORS IN TRADE SIZES OF CONDUIT OR TUBING  
(See Rule 12-11118)  
Types TF, TFF, T, TW, TWH, R-90(XL), RW-90(XL)  
R-90 (Silicone, #8 & Larger), RW-75(XL)  
(For derating factors see Rule 4-002)

Size AWG MCM	Maximum Number of Conductors in Conduit or Tubing												Col. 1
	1/2 Inch	3/4 Inch	1 Inch	1 1/4 Inch	1 1/2 Inch	2 Inch	2 1/2 Inch	3 Inch	3 1/2 Inch	4 Inch	5 Inch	6 Inch	
18	13	24	30	30	30	30	30	30	30	30	30	30	Col. 13
16	11	19	30	30	30	30	30	30	30	30	30	30	Col. 12
14	8	15	25	30	30	30	30	30	30	30	30	30	Col. 11
12	6	12	20	30	30	30	30	30	30	30	30	30	Col. 10
10	5	9	15	26	30	30	30	30	30	30	30	30	Col. 9
8	1	4	7	12	17	28	30	30	30	30	30	30	Col. 8
6	1	2	4	7	9	16	23	30	30	30	30	30	Col. 7
4	1	1	3	5	7	12	17	27	30	30	30	30	Col. 6
3	1	1	2	4	6	10	15	23	30	30	30	30	Col. 5
2	1	1	1	4	5	9	12	20	26	30	30	30	Col. 4
1	—	1	1	3	4	6	9	14	19	25	30	30	Col. 3
0	—	1	1	1	3	5	8	12	16	21	30	30	Col. 2
00	—	1	1	1	1	4	6	10	14	18	28	30	Col. 1
000	—	—	1	1	1	4	5	8	12	15	24	30	Col. 13
0000	—	—	1	1	1	3	4	7	10	13	20	29	Col. 12
250	—	—	—	1	1	2	3	6	8	10	16	23	Col. 11
300	—	—	—	1	1	1	3	5	7	9	14	20	Col. 10
350	—	—	—	1	1	1	3	4	6	8	12	18	Col. 9
400	—	—	—	1	1	1	2	4	5	7	11	16	Col. 8
500	—	—	—	1	1	1	1	3	4	6	9	13	Col. 7
600	—	—	—	—	1	1	1	2	3	4	7	11	Col. 6
700	—	—	—	—	—	1	1	1	3	4	6	10	Col. 5
750	—	—	—	—	—	1	1	1	3	4	6	9	Col. 4
800	—	—	—	—	—	1	1	1	3	4	6	8	Col. 3
900	—	—	—	—	—	1	1	1	2	3	5	8	Col. 2
1000	—	—	—	—	—	1	1	1	1	2	4	7	Col. 1
1250	—	—	—	—	—	—	1	1	1	1	3	5	Col. 13
1500	—	—	—	—	—	—	1	1	1	1	4	5	Col. 12
1750	—	—	—	—	—	—	—	1	1	1	3	4	Col. 11
2000	—	—	—	—	—	—	—	1	1	1	2	3	Col. 10

**TABLE 6**  
(See Rule 12-1118)

**MAXIMUM NUMBER OF CONTROL AND AUXILIARY CONDUCTORS  
IN TRADE SIZES OF CONDUIT OR TUBING  
(0-600 Volts)**

Types FF-32, RF-32, R-60, R-75, RW-60, RW-75, RW-90, R-90,  
R-90 (Silicone, #14, #12 & #10)

Size AWG	Maximum Number of Conductors in Conduit or Tubing							
	½ In.	¾ In.	1 In.	1¼ In.	1½ In.	2 In.	2½ In.	3 In.
18	7	12	20	35	49	80	115	176
16	6	10	17	30	41	68	97	150
14	4	6	10	18	25	40	59	90
12	3	5	8	15	21	35	50	77
10	1	4	7	13	17	29	41	64
8	1	3	4	7	10	17	25	38
6	1	1	3	4	6	10	15	23
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9

**TABLE 6A**  
(See Rule 12-1118)

**MAXIMUM NUMBER OF CONTROL AND AUXILIARY CONDUCTORS  
IN TRADE SIZES OF CONDUIT OR TUBING**

Types TF, TFF, T, TW, TWH, R-90(XL), RW-90(XL),  
RW-75(XL), R-90 (Silicone, #8 and Larger)

Size AWG	Maximum Number of Conductors in Conduit or Tubing							
	½ In.	¾ In.	1 In.	1¼ In.	1½ In.	2 In.	2½ In.	3 In.
18	13	24	39	68	92	152	218	335
16	11	19	31	55	74	123	175	270
14	8	15	25	44	60	99	141	218
12	6	12	20	35	47	78	111	171
10	5	9	15	26	36	60	85	131
8	1	4	7	12	17	28	40	62
6	1	2	4	7	9	16	23	36
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9

TABLE 7  
(See Rule 12-1118)  
SIZE OF CONDUIT OR TUBING FOR A GIVEN NUMBER OF LEAD-SHEATHED CABLES  
(NOT MORE THAN FOUR)  
Types RL60, RL75, RL90, and VL  
(0-600 Volts)

NOTE: Subject to the range of conductors and types of wires for which aluminum conductors are approved.

Size AWG MCM Copper or Aluminum	Size of Conduit or Tubing — Inches											
	Single Conductor Cable				2-Conductor Cable Flat or Round				3-Conductor Cable			
	Number of Cables in One Conduit											
	1	2	3	4	1	2	3	4	1	2	3	4
14	1/2	3/4	3/4	1	3/4	1 1/4	1 1/4	1 1/2	3/4	1 1/4	1 1/2	1 1/2
12	1/2	3/4	3/4	1	3/4	1 1/4	1 1/4	2	1	1 1/2	1 1/2	2
10	1/2	1	1	1 1/4	1	2	2	2 1/2	1	2	2	2 1/2
8	1/2	1 1/4	1 1/4	1 1/4	1	2	2	3	1 1/4	2 1/2	2 1/2	3
6	3/4	1 1/4	1 1/4	1 1/2	1 1/4	2 1/2	2 1/2	3	1 1/4	2 1/2	3	3
4	3/4	1 1/4	1 1/2	2	1 1/4	2 1/2	3	3	1 1/2	3	3	3 1/2
3	3/4	1 1/4	1 1/2	2	1 1/4	3	3 1/2	3 1/2	1 1/2	3	3	3 1/2
2	1	1 1/2	1 1/2	2	1 1/4	3	3 1/2	4	2	3 1/2	3 1/2	4
1	1	2	2	2	1 1/2	3 1/2	3 1/2	5	2	3 1/2	4	5
0	1	2	2	2 1/2	2	3 1/2	3 1/2	6	2	4	4	5
00	1	2	2	2 1/2	2	3 1/2	4	6	2	4	5	5
000	1 1/4	2	2 1/2	3	2	4	4	6	2 1/2	5	5	6
0000	1 1/4	2 1/2	2 1/2	3	2 1/2	5	5	6	2 1/2	5	5	6

(Continued)



TABLE 7 (Continued)

Size AWG MCM Copper or Aluminum	Size of Conduit or Tubing — Inches .											
	Single Conductor Cable		2-Conductor Cable Flat or Round				3-Conductor Cable					
	Number of Cables in One Conduit											
	1	2	3	4	1	2	3	4	1	2	3	4
250	1¼	2½	3	3	2½	5	5	6	3	6	6	—
300	1¼	3	3	3½	3	5	6	—	3	6	6	—
350	1½	3	3	3½	3	6	6	—	3	6	6	—
400	1½	3	3	3½	3	6	6	—	3½	6	—	—
500	1½	3	3½	4	3	6	—	—	3½	—	—	—
600	2	3½	4	5	3½	—	—	—	4	—	—	—
700	2	4	4	5	4	—	—	—	4	—	—	—
750	2	4	4	5	4	—	—	—	4	—	—	—
800	2	4	5	5	4	—	—	—	5	—	—	—
900	2½	4	5	5	4	—	—	—	5	—	—	—
1000	2½	5	5	6	5	—	—	—	5	—	—	—
1250	2½	5	5	6	—	—	—	—	—	—	—	—
1500	3	5	6	—	—	—	—	—	—	—	—	—
1750	3	6	6	—	—	—	—	—	—	—	—	—
2000	3	6	6	—	—	—	—	—	—	—	—	—

NOTE: The above conduit or tubing sizes apply to straight runs or to those with nominal off-sets equivalent to not more than two quarter-bends.

TABLE 8

(See Rule 12-1118)

MAXIMUM ALLOWABLE PER CENT RACEWAY FILL

	Maximum Raceway Fill Per Cent				
	Number of Conductors or Multi-Conductor Cables				
	1	2	3	4	Over 4
Conductors or multi-conductor cables (not lead-sheathed)	53	31	43	40	40
Lead-sheathed conductors or multi-conductor cables	55	30	40	38	35
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6

**TABLE 9**  
(See Rule 12-1118)  
**CROSS-SECTIONAL AREAS OF CONDUIT AND TUBING**

Trade Size Inches	Internal Diam. Inches	Per Cent Cross-Sectional Area of Conduit — Square Inches										
		100%	60%	55%	53%	50%	43%	40%	38%	35%	31%	30%
½	0.622	0.30	0.180	0.165	0.159	0.150	0.129	0.120	0.114	0.105	0.09	0.090
¾	0.824	0.53	0.318	0.292	0.281	0.265	0.228	0.212	0.202	0.185	0.16	0.159
1	1.049	0.86	0.516	0.473	0.456	0.430	0.370	0.344	0.327	0.301	0.27	0.258
1¼	1.380	1.50	0.900	0.825	0.795	0.750	0.645	0.600	0.570	0.525	0.47	0.450
1½	1.610	2.04	1.223	1.122	1.081	1.020	0.877	0.816	0.776	0.714	0.63	0.612
2	2.067	3.36	2.015	1.848	1.780	1.680	1.445	1.344	1.277	1.176	1.04	1.008
2½	2.469	4.79	2.875	2.635	2.540	2.395	2.060	1.916	1.820	1.677	1.48	1.437
3	3.068	7.38	4.430	4.060	3.910	3.690	3.175	2.952	2.805	2.585	2.29	2.214
3½	3.548	9.90	5.945	5.450	5.250	4.950	4.260	3.960	3.765	3.465	3.07	2.970
4	4.026	12.72	7.640	7.000	6.745	6.360	5.475	5.088	4.840	4.450	3.94	3.820
5	5.047	20.00	12.000	11.000	10.600	10.000	8.600	8.000	7.600	7.000	6.20	6.000
6	6.065	28.89	17.30	15.900	15.320	14.445	12.430	11.556	10.980	10.120	8.96	8.670



TABLE 10

(See Rule 12-1118)

DIMENSIONS OF CONDUCTORS FOR CALCULATING RACEWAY FILL

SIZE AWG MCM	Types: FF-32, RF-32, R-60, R-75, RW-60, RW-75, R-90, R-90(Silicone, #4, #12 & #10)		Types: TF, TFF, T, TW, TWH, RW-75(X-Link), RW-90(X-Link), R-90(Silicone, #8 & Larger), R-90 (X-Link)	
	Diameter Inches	Area Square Inches	Diameter Inches	Area Square Inches
18	0.146	0.0167	0.106	0.0088
16	0.158	0.0196	0.118	0.0109
14	0.201	0.0327	0.166	0.0216
12	0.221	0.0384	0.183	0.0263
10	0.242	0.0460	0.204	0.0327
8	0.311	0.0760	0.248	0.0475
6	0.397	0.1238	0.323	0.0819
4	0.452	0.1605	0.372	0.1087
3	0.481	0.1817	0.401	0.1263
2	0.513	0.2067	0.433	0.1473
1	0.588	0.2715	0.508	0.2027
0	0.629	0.3107	0.549	0.2367
2/0	0.675	0.3578	0.595	0.2781
3/0	0.727	0.4151	0.647	0.3288
4/0	0.785	0.4840	0.705	0.3904
250	0.868	0.5917	0.788	0.4877
300	0.933	0.6837	0.843	0.5581
350	0.985	0.7620	0.895	0.6291
400	1.032	0.8365	0.942	0.6969
500	1.119	0.9834	1.029	0.8316
600	1.233	1.1940	1.143	1.0261
700	1.304	1.3355	1.214	1.1575
750	1.339	1.4082	1.249	1.2252
800	1.372	1.4784	1.282	1.2908
900	1.435	1.6173	1.345	1.4208
1000	1.494	1.7531	1.404	1.5482
1250	1.676	2.2062	1.577	1.9532
1500	1.801	2.5475	1.702	2.2748
1750	1.916	2.8895	1.817	2.5930
2000	2.021	3.2079	1.922	2.9013
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5

TABLE 11

(See Rules 4-008, 4-016, 16-020, 30-314, 30-1128, 38-006, 38-016, 44-062, and 70-106)

CONDITIONS OF USE, VOLTAGE, AND TEMPERATURE RATINGS OF FLEXIBLE CORDS, HEATER CORDS, TINSEL CORDS, FIXTURE WIRES, EQUIPMENT WIRES, CHRISTMAS-TREE WIRES AND CORDS, POWER-SUPPLY CABLES, AND ELEVATOR CABLES

Use	Kind	CSA Type Designation <sup>1</sup>	Ref. Notes	Voltage Rating Volts	Temperature Rating		Construction Details will be found in the following Tables of CSA Std. C22.2 No. 49-1962
					C	F	
Dry Locations Only	Flexible Cord	C (1/32) C (3/64)		300 600	75 75	167 167	A1 A1
	Heat- Resistant Flexible Cord	CTFC		300	90	194	C1
		CTFPO		300	90	194	C1
		CTFPD		300	90	194	C1
	Heater Cord	GTFC	5	600	125	257	*
		GTFPD	5	600	125	257	C1
		GTFPD	5	600	125	257	C1
	Fixture Wire	HPD (1/64, 1/32)		300	90	194	D1
		RF-64		300	75	167	A1
		RF-32	10	600	75	167	A1
		FF-64		300	75	167	A1
		FF-32	10	600	75	167	A1

(Cont'd.) Dry Locations Only	(Cont'd.) Not For Hard Usage	Heat- Resistant Fixture Wire	CTF (1/32, 3/64)	300	90	194	C1
Damp (or Dry) Locations (Continued)	Not For Hard Usage	Christmas- Tree Wire	GTF (1/32, 3/64) 14	600	125	257	C1
		Indoor Christmas- Tree Cord	TXF	125	60	140	B1
			TX	125	60	140	B1
			PXT	125	60	140	*
		Flexible Cord	SV	300	60	140	A1
			SVT	300	60	140	B1
			POT-64	300	60	140	B1
			POT-32	300	60	140	B1
		Heater Cord	HPN	300	90	194	D1
		Tinsel Cord	POT-Tinsel	125	60	140	E1
			SV-Tinsel	125	60	140	*
			SVO-Tinsel	125	60	140	*
			SVT-Tinsel	125	60	140	*
		Fixture Wire	RF-64	300	75	167	A1
			RF-32	600	75	167	A1
			FF-64	300	75	167	A1
			FF-32	600	75	167	A1
			TF	600	90	194	B1
			TFF	600	90	194	B1
		Equip- ment Wire	TEW (1/64)	300	105	221	*
			TEW (1/32)	600	105	221	See CSA Standard C22.2
			SEWF-2	600	150	302	No. 127
			SEW-2	600	200	392	

(Continued)



TABLE 11 (Continued)

Use	Kind	CSA Type Designation <sup>1</sup>	Ref. Notes	Voltage Rating Volts	Temperature Rating		Construction Details will be found in the following Tables of CSA Std. C22.2 No. 49-1962
					C	F	
(Continued) Not For Hard Usage	Outdoor Christmas- Tree Cord	CXWT (3/64) CXWT (1/16) PXWT		300 600 300	60 60 60	140 140 140	B1 B1 *
	Outdoor Christmas- Tree Wire	TXFW (3/64)		300	60	140	*
	Flexible Cord	SJ SJO SJT SPT-3	8, 12 6, 12 6	300 300 300 300	60 60 60 60	140 140 140 140	A1 B1 * B1
(Continued) Damp (or Dry) Locations	Heater Cord	HSJ (1/64, 1/32) HSJO (1/64, 1/32)	4 12	300 300	90 90	194 194	D1 *
	Flexible Cord	S SO ST	8, 12 6, 12	600 600 600	60 60 60	140 140 140	A1 A1 B1

	Power Supply Cable	SG SGO SW SWO SWT.	8, 12  8, 12	600 600 600 600 600	60 60 60 60 60	140 140 140 140 140	See CSA Standard C22.2 No. 96 *
	Dryer and Range	DR DRT	11 11	300 300	60 60	140 140	* *
Wet (or Damp or Dry) Locations	For Hard Usage	Outdoor Flexible Cord	13 13	300 300	60 60	140 140	* *
	For Extra Hard Usage	Outdoor Flexible Cord	12, 13, 17 13	600 600	60 60	140 140	* *
		Outdoor Power Supply Cable	13	600	60	140	*
	Elevator Cables (Travelling Cables)	E, EO (0.020) E, EO (3/64, 1/16)	12 12	300 600	75 75	167 167	A1 A1

\*Construction requirements presently covered by Bulletins of the CSA Testing Laboratories pending their incorporation in the appropriate C22.2 Standard.

(Continued)

TABLE 11 (Continued)

## NOTES:

1. In certain cases the thickness of rubber or thermoplastic insulation is indicated by the type designation, e.g. POT-64 indicates the insulation to be 1/64 inch. In other cases the thickness in inches is shown in brackets following the type designation, e.g. C (1/32).
2. Suitable for damp locations only in construction having a moisture-resistant braid.
3. In No. 20 AWG size, Type POT-64 is rated 125 volts.
4. The jackets on Type HSJ are limited to 60C (140F); the 90C (194F) limit applying only to the conductor insulation.
5. The cotton or rayon braid on Type GTFC, and the cotton or rayon outer covering on Types GTFPO, and GTFPD are limited to 90C (194F); and 125C (275F) rating applying only to the conductor insulation.
6. When Types POT-64, POT-32, SPT-3, SVT, SJT, and ST are provided with thermoplastic conductor insulation and thermoplastic jacket material both rated at 105C (221F) this overall temperature rating is surface marked on the jacket in addition to the type designation.
7. Type TEW may be used in Class I circuits in accordance with Rule 16-020(2).
8. When Types SJO, SO, SWO, and SGO are provided with conductor insulation and jacket material both rated at 90C (194F) this overall temperature rating is surface marked in the jacket in addition to the type designation. When ethylene propylene is used as the insulation, "EP" is also surface marked on the jacket.
9. Suitable for use under Rule 38-006(2).
10. Suitable for use under Rule 38-006(2) when provided with flame-retardant and moisture-resistant braid.
11. Dryer and range cables are for use in approved domestic dryer and range power supply cords. These cables are not for sale to the public for general use.
12. When exposed to oil, the temperature rating of the jacket of Types SVO, SVT, SJO, SJT, HSJO, SO, SGO, SWO, SOW, EO, and SJOW is limited to 60C (140F) regardless of the temperature rating of the conductor insulation.
13. Types SJOW, SJTW, SOW, STW and SWTW are surface printed to show the type designation and the word "outdoor".
14. Types GTF, TEW, SEW-2, and SEW-2 may be used in lighting fixture raceways in accordance with Rule 30-314(2)(d)(ii).
15. Type SEW-2 with a nickel-coated copper conductor has a temperature rating of 200C (392F).
16. Types having cross-linked PVC insulation are surface marked with the type designation followed by (XL PVC).
17. Types SJOW and SOW may also be provided with 75C (167F) wet, 90C (194F) dry insulation and a 75C (167F) thermosetting jacket. Type SOW may also be provided with 75C (167F) insulation and a 60C (140F) thermosetting jacket. The temperature rating of the insulation is surface marked on the jacket.



TABLE 12  
(See Rules 4-012 and 4-016)  
ALLOWABLE AMPACITY OF FLEXIBLE CORD, FIXTURE WIRE, AND CHRISTMAS-TREE WIRE  
(Based on Ambient Temperature of 30C (86F))

Size AWG	Allowable Ampacity									
	Christmas-Tree Cord			Flexible Cord				Fixture Wire		Christmas-Tree Wire
	Tinsel Cords	Types		Types	Types	Types	Types	Types	Types	Type
	SV-Tinsel, SVO-Tinsel, Pot-Tinsel, SVT-Tinsel	TX, CXWT, PXWT, PXT	C, E, EO	SV, SVO, SJ, SJO, SJOW, S, SO, SG, SGO, SW, SWO, SOW, SPT-3, POT, SVT, SJT, SJTW, ST, SWT, STW, SWTW	HSJ, HSJO, HPD, HPN, DR, DRO, DRT	*CTFC, *CTFPO, *CTFPD, *GTFC, *GTFPD	RF-64, FF-64, RF-32, FF-32	TF, TFF, *CTF, *GTF	TXF, TXFW	
27	0.5	—	—	—	—	—	—	—	—	2
20	—	2	5	2	10	—	—	—	—	5
18	—	5	7	10	15	6	5	6	—	7
16	—	7	13	15	20	8	7	8	—	—
14	—	15	18	20	25	17	—	17	—	—
12	—	20	25	25	30	—	—	20	—	—
10	—	—	30	30	30†	—	—	25	—	—
8	—	—	35	40	40†	—	—	—	—	—
6	—	—	45	55	50†	—	—	—	—	—
4	—	—	60	70	60†	—	—	—	—	—
2	—	—	80	95	80	—	—	—	—	—

\*The derating factors of Rule 4-012 (b), (c), (d), and (e) are to be applied to these values for the cord types listed in this column.  
†These current ratings are for Types DR, DRO, and DRT domestic dryer and range cables only.

**TABLE 13***(See Rule 14-058 and 28-026)***RATING OR SETTING OF OVERCURRENT DEVICES PROTECTING CONDUCTORS****(For general use where not otherwise specifically provided for)**

Ampacity of Conductor	Rating or Setting Permitted		Ampacity of Conductor	Rating or Setting Permitted	
	Fuse Amperes	Circuit Breaker Amperes		Fuse Amperes	Circuit Breaker Amperes
0-15	15	15	126-150	150	150
16-20	20	20	151-175	175	175
21-25	25	30	176-200	200	200
26-30	30	30	201-225	225	225
31-35	35	40	226-250	250	250
36-40	40	40	251-275	300	300
41-45	45	50	276-300	300	300
46-50	50	50	301-325	350	350
51-60	60	70	326-350	350	350
61-70	70	70	351-400	400	400
71-80	80	100	401-450	450	500
81-90	90	100	451-500	500	500
91-100	100	100	501-525	600	600
101-110	110	125	526-550	600	600
111-125	125	125	551-600	600	600

TABLE 14

(See Rule 8-210)

WATTS PER SQUARE FOOT AND DEMAND FACTORS FOR SERVICES AND FEEDERS FOR VARIOUS TYPES OF BUILDINGS

Type of Building	Watts Per Square Foot	Demand Factor Per Cent	
		Service Conductors	Feeders
Store, Restaurant	3.0	100	100
Office Building	5.0	90	100
First 10,000 Square Feet	5.0	70	90
All in excess of 10,000 Square Feet			
Industrial Commercial (Loft)	2.5	100	100
Church	1.0	100	100
Garage	1.0	100	100
Storage Warehouse	0.5	70	90
Theatre	3.0	75	95
Armories and Auditoriums	1.0	80	100
Banks	5.0	100	100
Barber Shops and Beauty Parlors	3.0	90	100
Clubs	2.0	80	100
Court Houses	2.0	100	100
Lodges	1.5	80	100



**TABLE 15***(See Rule 36-008)*

**BENDING RADII (MEASURED AT THE INNERMOST SURFACE) THE OVERALL DIAMETER OF THE CABLE MULTIPLIED BY THE APPROPRIATE NUMBER SHOWN IN COLUMNS 2, 3, AND 4**

Type of Cable	Up to and Including 1-Inch Diameter	Over 1-Inch Diameter and up to and Including 2-Inch Diameter	Over 2-Inch Diameter
Lead Covered	10	12	12
Corrugated Aluminum Sheathed	10	12	12
Smooth Aluminum Sheathed	12	15	18
Tape Shielded	12	12	12
Flat Tape Armoured	12	12	12
Wire Armoured	12	12	12
Non-Shielded	7	7	7
Wire Shielded	7	7	7
Portable Power Cables 5kV and less	6	6	6
Portable Power Cables Over 5kV	8	8	8

**TABLE 16***(See Rules 4-000, 10-522, 10-812, and 10-814)*

**MINIMUM SIZE OF GROUNDING CONDUCTOR FOR RACEWAYS AND EQUIPMENT**

Rating or Setting of Automatic Overcurrent Device in Circuit ahead of Equipment, Conduit, Etc. Not Exceeding — Amperes	Size of Grounding Conductor	
	Copper Wire AWG	Alum. Wire AWG
20	14	12
30	12	10
40	10	8
60	10	8
100	8	6
200	6	4
400	3	1
600	1	2/0
800	1/0	3/0
1000	2/0	4/0
1200	3/0	250 MCM

TABLE 17

(See Rules 10-204, 10-206, and 10-812)

MINIMUM SIZE OF GROUNDING CONDUCTOR FOR AC SYSTEMS  
OR COMMON GROUNDING CONDUCTOR

Ampacity of Largest Service Conductor or Equivalent for Multiple Conductors	Size of Copper Grounding Conductor AWG
100 or less	8
101 to 125	6
126 to 165	4
166 to 260	2
261 to 355	0
356 to 475	00
Over 475	000

NOTE: The ampacity of the largest service conductor, or equivalent if multiple conductors are used, is to be determined from the appropriate Code Table taking into consideration the number of conductors in the conduit and the type of insulation.

TABLE 18

(See Rule 10-812)

MINIMUM SIZE OF GROUNDING CONDUCTOR FOR SERVICE  
RACEWAY AND SERVICE EQUIPMENT

Ampacity of Largest Service Conductor or Equivalent for Multiple Conductors	Size of Grounding Conductor		
	Copper Wire AWG	Conduit or Pipe Inch	Electrical Metallic Tubing Inches
100 or less	8	1/2	1/2
101 to 125	6	1/2	1
126 to 165	4	3/4	1 1/4
166 to 260	2	3/4	1 1/4
261 to 355	0	1	2
356 to 475	00	1	2
Over 475	000	1	2

TABLE 19

(See Rules 4-004, 6-006, 12-012, 12-100, 12-302, 12-404, 12-702, 12-706, 12-1002, 12-2104, 12-2204, 12-2304, 16-020, 22-010, 22-012, 26-108, 30-314, 30-1004, 30-1102, 30-1128, 32-016, 34-022, 34-042 and 38-006)

CONDITIONS OF USE AND MAXIMUM ALLOWABLE CONDUCTOR TEMPERATURE  
OF WIRES AND CABLES OTHER THAN FLEXIBLE CORDS AND FIXTURE WIRES

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature	
			Deg C	Deg F
For exposed wiring Dry locations only	Armoured Cable	AC	60	140
		ACH	75	167
		4,1 <sup>2</sup> TECK	90	194
		4,10,1 <sup>2</sup> TECK 90	90	194
		4,10,1 <sup>2</sup> AC90	90	194
For exposed wiring in dry locations where exposed to corrosive action, if suit- able for corrosive condi- tion encountered	Armoured Cable	2,4,1 <sup>2</sup> TECK	90	194
	Varnished-Cambrie Insulated Cable	2,4,10,1 <sup>2</sup> TECK 90	90	194
		V	85	185
	Varnished-Cambrie and Asbestos Insulated Cable	A-1	110	230
For exposed wiring in dry locations where exposed to heat, grease or corrosive fumes, if suitable for cor- rosive condition encounter- ed.	Varnished-Cambrie and Asbestos Insulated Cable	A-9	110	230
	Thermoplastic and Asbestos Insulated Cable	A-20	110	230
	Asbestos Insulated Cable	A-7	3200	392



For exposed wiring in dry locations where not exposed to mechanical injury	Non-metallic Sheathed Cable	NMD-7	90	194
For exposed wiring in dry locations and in Category 1 and 2 locations, where not exposed to mechanical injury	Non-metallic Sheathed Cable	NMW-9, NMW-10	60	140
For exposed wiring in dry or damp locations	Rubber (Thermosetting)-Insulated Cable	R60	60	140
		R75	75	167
	Thermoplastic-Insulated Cable	4,9,10,11,12R90	90	194
		4T	60	140
For exposed wiring in wet locations <sup>7</sup>	Armoured Cable	ACL, ACWU	60	140
		4,12TECK	75	167
		4,10,12TECK 90	90	194
		ACHL, ACWU75	75	167
	Rubber (Thermosetting)-Insulated Cable	4,10,12ACL90	90	194
		4,10,12ACWU90	90	194
		RW60, RL60	60	140
		4,10,12RW75, RL75	75	167
		4,10,12RL90, 4,10,12RW90	90	194

(Continued)

TABLE 19 (Continued)

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature	
			Deg C	Deg F
For exposed wiring in wet locations <sup>7</sup>	Aluminum-Sheathed Cable	RA60	60	140
		RA75	75	167
		VA	85	185
		<sup>4,10</sup> RA90	90	194
		A-2A	110	230
	<sup>1</sup> Mineral-Insulated Cable	A-7A	3200	392
		MI, LWMI	85	185
	Thermoplastic-Insulated Cable	<sup>4</sup> TW	60	140
		TWH	75	167
	Non-metallic Sheathed Cable	<sup>8</sup> NMW-10	60	140
	Varnished-Cambrie Insulated Cable	VL	85	185
	Varnished-Cambrie and Asbestos Insulated Cable	A-2	110	230

For exposed wiring where exposed to the weather	Armoured Cable	4,1,2TECK	75	167
		4,10,12TECK 90	90	194
		R60, RW60 each with thermosetting jacket	60	140
	Rubber (Thermosetting)-Insulated Cable	R75, 12RW75 each with thermosetting jacket, 4,12RW75 with minus 40F thermoplastic jacket, or 4,10RW75	75	167
		12R90, 12RW90 each with thermosetting jacket, or 4,10R90, 4,10RW90, 4,12RW90	90	194
	Thermoplastic-Insulated Cable	4TW, 4TWU each with insulation having improved low-temperature properties	60	140
	Neutral-Supported Cable	NS-1, NSF-2	75	167
	Non-metallic Sheathed Cable	8NMW-10	60	140
		AC	60	140
		ACH	75	167
For concealing wiring dry locations only	Armoured Cable	4,12TECK	90	194
		4,10,12TECK 90	90	194
	Non-metallic Sheathed Cable	4,10,12AC90	90	194
		NMD-7	90	194

(Continued)



TABLE 19 (Continued)

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature	
			Deg C	Deg F
For concealed wiring in dry locations and in Category 1 and 2 locations where not exposed to mechanical injury	Non-metallic Sheathed Cable	NMW-9, NMW-10	60	140
		ACL, ACWU	60	140
	Armoured Cable	4,12TECK	75	167
		4,10,12TECK 90	90	194
		ACHL, ACWU75	75	167
For concealed wiring in wet locations <sup>8</sup>	Non-metallic Sheathed Cable	4,10,12ACL90	90	194
		4,10,12ACWU90	90	194
	Aluminum-Sheathed Cable	8NMW-10	60	140
		RA60	60	140
		RA75	75	167
		VA	85	185
		4,10RA90	90	194
		A-2A	110	230
	For concealed knob-and-tube wiring in dry or damp locations	A-7A	3200	392
		Mineral-Insulated Cable <sup>1</sup>	MI, LWMI	85
Rubber (Thermosetting)-Insulated Cable		R60	60	140
		R75	75	167
Thermoplastic-Insulated Cable	4,9,10,11,12R90	90	194	
	4T	60	140	

For concealed knob-and-tube wiring in wet locations <sup>7</sup>	Rubber (Thermosetting)-Insulated Cable	RW60 4,10,12RW75	60	140
		4,10,12RW90	75	167
		4TW	90	194
	Thermoplastic-Insulated Cable	TWH	60	140
	Varnished-Cambrie Insulated Cable <sup>2</sup>	V	75	167
For use in raceways, except cabletroughs and ventilated flexible cableway, dry locations only			85	185
	Thermoplastic and Asbestos Insulated Cable	A-18	90	194
	Varnished-Cambrie and Asbestos Insulated Cable <sup>3</sup>	A-1		
	Varnished-Cambrie and Asbestos Insulated Cable <sup>3</sup>	A-9	110	230
	Thermoplastic and Asbestos Insulated Cable	A-20	110	230
For use in raceways, except cabletroughs and ventilated flexible cableway, in dry or damp locations	Rubber (Thermosetting)-Insulated Cable	R60	60	140
		R75	75	167
		4,9,10,11,12R90	90	194
	Thermoplastic-Insulated Cable	4T	60	140
		RW60	60	140
For use in raceways, except cabletroughs and ventilated flexible cableway, in wet locations <sup>7</sup>	Rubber (Thermosetting)-Insulated Cable	4,10,12RW75	75	167
		4,10,12RW90	90	194
	Thermoplastic-Insulated Cable	4,6TW	60	140
		TWH	75	167
	Varnished-Cambrie and Asbestos Insulated Cable	A-2	110	230

(Continued)

TABLE 19 (Continued)

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature	
			Deg C	Deg F
For use in ventilated, non-ventilated and ladder type cabletroughs and ventilated flexible cableway in dry locations only	Armoured Cable	AC	60	140
		ACH	75	167
		4,10,12AC90	90	194
		4,12TECK	90	194
		4,10,12TECK 90	90	194
		ACL, ACWU	60	140
For use in ventilated, non-ventilated and ladder type cabletroughs and ventilated flexible cableway in wet locations <sup>7</sup> ( <i>Cont'd.</i> )	Armoured Cable	4,12TECK	75	167
		4,10,12TECK 90	90	194
		ACHL, ACWU75	75	167
		4,10,12ACL90	90	194
		4,10,12ACWU90	90	194
		RA60	60	140
	Aluminum-Sheathed Cable	RA75	75	167
		VA	85	185
		4,10RA90	90	194
		A-2A	110	230
		A-7A	3200	392



For use in ventilated and ladder type cabletroughs and ventilated flexible cableway in wet locations <sup>7</sup>	Mineral-Insulated Cable	MI, LWMI	85	185
	Rubber (Thermosetting)-Insulated Lead-Sheathed Cable	RL60	60	140
		RL75	75	167
		4,10,12RL90	90	194
	Varnished-Cambric Insulated Lead-Sheathed Cable	VL	85	185
For use in ventilated and non-ventilated cable-troughs and ventilated flexible cableway in vaults and switchrooms	Rubber (Thermosetting)-Insulated Cable	4,10,12,13RW60	60	140
		4,10,12,13RW75	75	167
		13RW90	90	194
		ACL, ACWU	60	140
	For direct earth burial (with protection as required by inspection authority) <sup>5</sup>	Armoured Cable	ACHL, ACWU75	75
4,10,12ACL90			90	194
4,10,12ACWU90			90	194
4,12TECK			75	167
Non-metallic Sheathed Cable		4,10,12TECK 90	90	194
	NMW-10	60	140	
	RL60, RWU60	60	140	
	RL75, 4,10,12RWU75	75	167	
	Rubber (Thermosetting)-Insulated Cable	4,10,12RL90, 4,10,12RWU90	90	194

(Continued)

TABLE 19 (Continued)

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature	
			Deg C	Deg F
	Aluminum-Sheathed Cable	RA60	60	140
		RA75	75	167
		VA	85	185
		4,9,10RA90	90	194
		A-2A	110	230
		A-7A	3200	392
For service entrance above ground	Mineral-Insulated Cable <sup>1</sup>	MI, LWMI	85	185
	Varnished-Cambric-Insulated Cable	VL	85	185
	Thermoplastic-Insulated Cable	4,6TWU	60	140
	Service-Entrance Cable	SE	60	140
		SE Style RA75	75	167
		USE, RWU60, TWU <sup>54</sup>	60	140
For service entrance above or below ground <sup>5</sup>	Service-Entrance Cable	4,10,12RWU75, USE Style RA75	75	167
		4,10,12RWU90	90	194
For high-potential wiring in luminous-tube signs	Luminous-Tube-Sign Cable	GTO, GTOL	60	140

## NOTES:

1. A maximum copper sheath temperature of 250C is permissible for mineral-insulated cable, provided the temperature at the terminations does not exceed that specified in Tables 1 and 2. Any protective covering provided shall be suitable for the applicable sheath temperature.
2. May be used where exposed to heat, grease, or corrosive fumes, if suitable for the corrosive condition.
3. For bare or tinned copper conductors having individual strands smaller in diameter than 0.015 inch, the maximum allowable conductor temperature is 150C (320F).
4. When any of these types have an insulation or covering suitable for installation and use at temperatures down to minus 40F, they are surface printed with the type designation followed by "minus 40F".
5. Conductors or cable assemblies acceptable for direct earth burial may be used, by special permission, for underground services in accordance with Rule 6-006.
6. Types TW and TWU when provided with a nylon jacket are also approved for use where adverse conditions may exist, such as in oil refineries and around gasoline storage or pump areas (e.g. where subjected to alkaline conditions in the presence of petroleum solvents).
7. Types suitable for use in wet locations may also be used in dry or damp locations.
8. Type NMW-10 cable is not suitable for use in aerial spans.
9. Types having silicone rubber insulation are surface marked with the type designation followed by "silicone" e.g. R90 (silicone).
10. Types having cross-linked polyethylene insulation are surface marked with the type designation followed by "X-Link", e.g. R90(X-Link).
11. Type R90 silicone may be used to connect equipment which is marked as requiring supply conductors having insulation suitable for a temperature up to 125C (257F).
12. Types having ethylene-propylene insulation are surface marked with the type designation followed by "EP", e.g. R90 (EP).
13. Types RW60, RW75 and RW90, when used under Rules 12-2204 and 12-2304, are required to be flame retardant.



**TABLE 20***(See Rules 12-204 and 12-214)***SPACINGS FOR CONDUCTORS**

Voltage of Circuit  Volts	Minimum Distance	
	Inches	
	Between Conductors	From Adjacent Surfaces
0-300	2½	½
301-750	4	1

**TABLE 21***(See Rules 12-118, 12-2202, and 12-2302)***SUPPORTING OF CONDUCTORS IN VERTICAL RUNS OF RACEWAYS**

Conductor Sizes  AWG and MCM	Maximum Distance  Feet
14 to 0	100
00 to 0000	80
220 to 350	60
Over 350 to 500	50
Over 500 to 750	40
Over 750	35

**TABLE 22***(See Rule 12-3038)***SPACE FOR CONDUCTORS IN BOXES**

Size of Conductor  AWG	Usable Space Within Box for Each Insulated Conductor  Cubic Inches
14	2.0
12	2.25
10	2.5
8	3.0

**TABLE 23**  
*(See Rule 12-3038)*  
**NUMBER OF CONDUCTORS IN BOXES**

Box Dimensions, Inches Trade Size	Cubic Inch Capacity	Max. Number of Conductors			
		Size		AWG	
		14	12	10	8
4 × 1½ Octagonal	17.1	8	7	6	5
4 × 2½ Octagonal	23.6	11	10	9	7
4 × 1½ Square	22.6	11	10	9	7
4 × 2½ Square	31.9	15	14	12	10
4 11/16 × 1½ Square	32.2	16	14	12	10
4 11/16 × 2½ Square	46.4	23	20	18	15
3 × 2. × 1½ Device	7.9	3	3	3	2
3 × 2 × 2 Device	10.7	5	4	4	3
3 × 2 × 2¼ Device	11.3	5	5	4	3
3 × 2 × 2½ Device	13	6	5	5	4
3 × 2 × 2¾ Device	14.6	7	6	5	4
3 × 2 × 3½ Device	18.3	9	8	7	6
4 × 2½ × 1½ Device	11.1	5	4	4	3
4 × 2½ × 1¾ Device	13.9	6	6	5	4
4 × 2½ × 2½ Device	15.6	7	6	6	5

NOTE: For combination of conductor sizes not shown above, Table 22 shall apply.

**TABLE 24**  
*(See Rules 2-700, 2-704, and 2-706)*  
**MINIMUM INSULATION RESISTANCES FOR INSTALLATIONS**

Installation	Insulation Resistance  Ohms
For Circuits of No. 14 or No. 12 AWG	1,000,000
For Circuits of No. 10 AWG or larger	
25 to 50 amperes	250,000
51 to 100 amperes	100,000
101 to 200 amperes	50,000
201 to 400 amperes	25,000
401 to 800 amperes	12,000
Over 800 amperes	5,000

**TABLE 25**  
(See Rules 14-060 and 28-044)  
**OVERCURRENT TRIP COILS FOR CIRCUIT BREAKERS AND  
OVERLOAD DEVICES FOR PROTECTING MOTORS**

For Circuit Protection†		System	For Motor Overload Protection		Kind of Motor
Number and Location of Overcurrent Devices (Trip Coils)			Number and Location of Overload Devices such as Trip Coils, Relays, or Thermal Cutouts		
3-trip coils, one in each conductor	3-wire, 3-phase ac, ungrounded or with grounded neutral	3-wire, 2-phase ac, ungrounded 3-wire, 2-phase ac 4-wire, 2-phase ac, with grounded neutral 5-wire, 2-phase ac	3 — one in each phase not to be connected in any neutral conductor	3-phase ac	
3-trip coils, one in each phase	4-wire, 3-phase ac				
2-trip coils, one in each phase*	4-wire, 2-phase ac, ungrounded		2 — one in each phase, not to be connected in any neutral or grounded conductor	2-phase ac	
2-trip coils, one in each outside conductor	3-wire, 2-phase ac				
4-trip coils, one in each ungrounded conductor	4-wire, 2-phase ac, with grounded neutral				
4-trip coils, one in each ungrounded conductor	5-wire, 2-phase ac				
2-trip coils, one in each outside conductor	3-wire, 1-phase ac or dc	2-wire ac or dc, ungrounded or with one conductor grounded† 3-wire, 1-phase ac or dc, with grounded neutral	1 — in any conductor except a neutral or grounded conductor	1-phase ac or dc	
1-trip coil in each ungrounded conductor	2-wire ac or dc, ungrounded or with one conductor grounded†				
2-trip coils, one in each ungrounded conductor	3-wire, 1-phase ac or dc, with grounded neutral				

\*For Services see Section 6.

†This will not preclude the use of other arrangements which will provide equivalent protection.

‡This will not prevent the use of one single-pole circuit breaker in each conductor for the protection of an ungrounded 2-wire circuit.



**TABLE 26**  
*(See Rules 28-016, 28-024, 28-026, 28-030, 28-036, 28-040, and 28-092)*  
**SIZES OF CONDUCTORS, FUSE RATINGS, AND CIRCUIT BREAKER SETTINGS**  
**FOR MOTOR OVERLOAD PROTECTION AND MOTOR CIRCUIT OVERCURRENT PROTECTION**  
*(This Table is based on Table 29)*

Full-Load Current Rating of Motor	Minimum Allowable Ampacity of Conductor	Overload Protection for Running Protection of Motors		‡Overcurrent Protection Maximum Allowable Rating of Fuses and Maximum Allowable Setting of Circuit Breakers of the Time-Limit Type for Motor Circuits					
		Maximum Rating of Fuses	Maximum Setting of Overload Devices	Single Phase All Types and Squirrel Cage and Synchronous (Full Voltage, Resistor and Reactor Starting)		Squirrel Cage and Synchronous (Auto-transformer and Star-Delta Starting)		DC or Wound Rotor AC	
				Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breaker Amperes
Amperes									
1†	15	2*	1.25*	15	15	15	15	15	15
2†	15	3*	2.50*	15	15	15	15	15	15
3†	15	4*	3.75*	15	15	15	15	15	15
4†	15	6*	5.00*	15	15	15	15	15	15
5†	15	8*	6.25*	15	15	15	15	15	15
6†	15	8*	7.50*	20	15	15	15	15	15
7	15	10*	8.75*	25	15	15	15	15	15
8	15	10*	10.00*	25	20	20	15	15	15
9	15	12*	11.25*	30	20	25	15	15	15
10	15	15*	12.50*	30	20	25	20	15	15
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10

(Continued)

TABLE 26 (Continued)

Full-Load Current Rating of Motor	Minimum Allowable Ampacity of Conductor	Overload Protection for Running Protection of Motors		‡Overcurrent Protection Maximum Allowable Rating of Fuses and Maximum Allowable Setting of Circuit Breakers of the Time-Limit Type for Motor Circuits					
		Maximum Rating of Fuses	Maximum Setting of Overload Devices	Single Phase All Types and Squirrel Cage and Synchronous (Full Voltage, Resistor and Reactor Starting)		Squirrel Cage and Synchronous (Autotransformer and Star-Delta Starting)		DC or Wound Rotor AC	
				Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breakers Amperes	Fuse Amperes	Circuit Breaker Amperes
Amperes		Amperes	Amperes	Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breakers Amperes	Fuse Amperes	Circuit Breaker Amperes
11	15.00	15*	13.75*	30	30	30	20	20	15
12	15.00	15	15.00	40	30	30	20	20	15
13	16.25	20	16.25	40	30	35	30	20	20
14	17.50	20	17.50	45	30	35	30	25	20
15	18.75	20	18.75	45	30	40	30	25	20
16	20.00	20	20.00	50	40	40	30	25	20
17	21.25	25	21.25	60	40	45	30	30	30
18	22.50	25	22.50	60	40	45	30	30	30
19	23.75	25	23.75	60	40	50	40	30	30
20	25.00	25	25.00	60	50	50	40	30	30
22	27.5	30	27.5	60	50	60	40	35	30
24	30.0	30	30.0	80	50	60	40	40	30
26	32.5	35	32.5	80	70	70	50	40	40
28	35.0	35	35.0	90	70	70	50	45	40
30	37.5	40	37.5	90	70	70	50	45	40

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
32	40.0	40	40.0	100	70	70	70	50	40
34	42.5	45	42.5	110	70	70	70	60	50
36	45.0	45	45.0	110	100	80	70	60	50
38	47.5	50	47.5	125	100	80	70	60	50
40	50.0	50	50.0	125	100	80	70	60	50
42	52.5	50	52.5	125	100	90	70	70	70
44	55.0	60	55.0	125	100	90	100	70	70
46	57.5	60	57.5	150	100	100	100	70	70
48	60.0	60	60.0	150	100	100	100	80	70
50	62.5	60	62.5	150	125	100	100	80	70
52	65.0	70	65.0	175	125	110	100	80	70
54	67.5	70	67.5	175	125	110	100	90	70
56	70.0	70	70.0	175	125	125	100	90	70
58	72.5	70	72.5	175	125	125	100	90	100
60	75.0	80	75.0	200	150	125	100	90	100
62	77.5	80	77.5	200	150	125	125	100	100
64	80.0	80	80.0	200	150	150	125	100	100
66	82.5	80	82.5	200	150	150	125	100	100
68	85.0	90	85.0	225	150	150	125	110	100
70	87.5	90	87.5	225	175	150	125	110	100
72	90.0	90	90.0	225	175	150	125	110	100
74	92.5	90	92.5	225	175	150	125	125	100
76	95.0	100	95.0	250	175	175	150	125	100
78	97.5	100	97.5	250	175	175	150	125	100
80	100.0	100	100.0	250	200	175	150	125	100
82	102.5	110	102.5	250	200	175	150	125	125
84	105.0	110	105.0	250	200	175	150	150	125
86	107.5	110	107.5	300	200	175	150	150	125
88	110.0	110	110.0	300	200	200	175	150	125
90	112.5	110	112.5	300	225	200	175	150	125

(Continued)



TABLE 26 (Continued)

Full-Load Current Rating of Motor	Minimum Allowable Ampacity of Conductor	Overload Protection for Running Protection of Motors		†Overcurrent Protection Maximum Allowable Rating of Fuses and Maximum Allowable Setting of Circuit Breakers of the Time-Limit Type for Motor Circuits					
		Maximum Rating of Fuses	Maximum Setting of Overload Devices	Single Phase All Types and Squirrel Cage and Synchronous (Full Voltage, Resistor and Reactor Starting)		Squirrel Cage and Synchronous (Autotransformer and Star-Delta Starting)		DC or Wound Rotor AC	
		Amperes	Amperes	Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breaker Amperes	Fuse Amperes	Circuit Breaker Amperes
92	115.0	125	115.0	300	225	200	175	150	125
94	117.5	125	117.5	300	225	200	175	150	125
96	120.0	125	120.0	300	225	200	175	150	125
98	122.5	125	122.5	300	225	200	175	150	125
100	125.0	125	125.0	300	250	200	200	150	150
105	131.5	150	131.5	350	250	225	200	175	150
110	137.5	150	137.5	350	250	225	200	175	150
115	144.0	150	144.0	350	250	250	225	175	150
120	150.0	150	150.0	400	300	250	225	200	175
125	156.5	175	156.5	400	300	250	250	200	175
130	162.5	175	162.5	400	300	300	250	200	175
135	169.0	175	169.0	450	300	300	250	225	200
140	175.0	175	175.0	450	350	300	250	225	200
145	181.5	200	181.5	450	350	300	250	225	200
150	187.5	200	187.5	450	350	300	300	225	225

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
155	194	200	194	500	350	350	300	250	225
160	200	200	200	500	400	350	300	250	225
165	206	225	206	500	400	350	300	250	225
170	213	225	213	500	400	350	300	300	250
175	219	225	219	600	400	350	350	300	250
180	225	225	225	600	400	400	350	300	250
185	231	250	231	600	400	400	350	300	250
190	238	250	238	600	400	400	350	300	250
195	244	250	244	600	400	400	350	300	250
200	250	250	250	600	500	400	400	300	300
210	263	250	263	—	500	450	400	350	300
220	275	300	275	—	500	450	400	350	300
230	288	300	288	—	500	500	400	350	300
240	300	300	300	—	600	500	400	400	350
250	313	300	313	—	600	500	500	400	350
260	325	350	325	—	600	600	500	400	350
270	338	350	338	—	600	600	500	450	400
280	350	350	350	—	600	600	500	450	400
290	363	350	363	—	600	600	500	450	400
300	375	400	375	—	600	600	600	450	400
320	400	400	400	—	—	—	—	500	400
340	425	450	425	—	—	—	—	600	500
360	450	450	450	—	—	—	—	600	500
380	475	500	475	—	—	—	—	600	500
400	500	500	500	—	—	—	—	600	600
420	525	600	525	—	—	—	—	—	—
440	550	600	550	—	—	—	—	—	—
460	575	600	575	—	—	—	—	—	—
480	600	600	600	—	—	—	—	—	—
500	625	—	625	—	—	—	—	—	—

\*For running protection of motors of 1 hp or less see Rules 28-036 and 28-042.  
†For the grouping of small motors under the protection of a single set of fuses see Rules 28-024, 28-026, and 28-028.  
‡These values are based on Table 29, see also Rule 28-024.  
NOTE: This Table is based on a room temperature of 30C (86F).

**TABLE 27***(See Rules 28-016, 28-018, 28-022, and 38-010)***FOR DETERMINING CONDUCTOR SIZES FOR MOTORS FOR DIFFERENT REQUIREMENTS OF SERVICE**

Classification of Service	Percentage of Nameplate Current Rating of Motor			
	5 Minute Rating	15 Minute Rating	30 and 60 Minute Rating	Continuous Rating
<b>Short-time Duty.</b> Operating valves, raising or lowering rolls, etc.	110	120	150	
<b>Intermittent Duty.</b> Freight and passenger elevators, tool heads, pumps, drawbridges, turntables, etc.	85	85	90	140
<b>Periodic Duty.</b> Rolls, ore- and coal-handling machines, etc.	85	90	95	140
<b>Varying Duty</b>	110	120	150	200

**TABLE 28***(See Rule 28-022)***FOR DETERMINING CONDUCTOR SIZES IN THE SECONDARY CIRCUITS OF MOTORS**

Resistor Duty Classification	Duty Cycles	Carrying Capacity of Conductors in Per Cent of Full Load Secondary Current
Light Starting Duty	5 Sec. on 75 Sec. off	35
Heavy Starting Duty	10 Sec. on 70 Sec. off	45
Extra Heavy Starting Duty	15 Sec. on 75 Sec. off	55
Light Intermittent Duty	15 Sec. on 45 Sec. off	65
Medium Intermittent Duty	15 Sec. on 30 Sec. off	75
Heavy Intermittent Duty	15 Sec. on 15 Sec. off	90
Continuous Duty	Continuous Duty	110



TABLE 29

(See Rules 28-024, 28-026, and 28-030)

**RATING OR SETTING OF OVERCURRENT DEVICES FOR THE PROTECTION OF MOTOR BRANCH CIRCUITS**

(Except as permitted in Table 26 where 15-ampere overcurrent protection for motor branch-circuit conductors exceeds the values specified in the following Table)

Type of Motor	Per Cent of Full Load Current		
	Fuse Rating	Maximum Circuit-Breaker Setting	
		Instantaneous Type	Time-limit Type
<b>Alternating Current</b>			
Single-phase all types	300	—	250
Squirrel-cage and Synchronous:			
Full-voltage Starting	300	700	250
Resistor and Reactor Starting	300	—	250
Auto-transformer Starting:			
Not more than 30 Amperes	250	—	200
More than 30 Amperes	200	—	200
Wound Rotor	150	—	150
<b>Direct Current</b>			
Not more than 50 hp	150	250	150
More than 50 hp	150	175	150

- NOTES: 1. The ratings of fuses for the protection of motor branch circuits as given in Table 26, are based upon fuse ratings appearing in the Table above, which also specifies the maximum settings of circuit breakers for the protection of motor branch circuits.
2. Synchronous motors of the low-torque low-speed type (usually 450 rpm or lower) such as are used to drive reciprocating compressors, pumps, etc., and which start up unloaded, do not require a fuse rating or circuit-breaker setting in excess of 200 per cent of full-load current.

**TABLE 30***(See Rule 36-014)***MINIMUM CLEARANCES FOR BARE CONDUCTORS — INDOORS**

Voltage Class Kilovolts	Minimum Air Gap Distance in Inches	
	From Live Parts to Adjacent Surfaces Other Than Insulation and Bases of Conductor Supports	Between Live Parts (Not Centre to Centre)
2.5	4	6
5.0	5	6
7.5	6	7
15	7	10
23	10	15
34.5	13	19
46	17	24
69	25	33

**TABLE 31***(See Rule 36-014)***MINIMUM CLEARANCES FOR BARE CONDUCTORS — OUTDOORS**

Voltage Class Kilovolts	Minimum Air Gap Distance in Inches	
	From Live Parts to Adjacent Surfaces Other Than Insulation and Bases of Conductor Supports	Between Live Parts (Not Centre to Centre)
2.5	9	11
5.0	9	11
7.5	9	11
15	10	12
23	12	15
34.5	15	19
46	18	24
69	29	33

TABLE 32

(See Rule 36-016)

VERTICAL ISOLATION OF UNGUARDED LIVE PARTS

Voltage Class  Kilovolts	Minimum Isolation by Vertical Clearance from Unguarded Live Parts to Floor or Grade		
	Feet		
	Indoors	Outdoors	
		Light Snow Area	Heavy Snow Area
2.5, 5.0, and 7.5	8	10	12
15	9	10	12
23	9	10	12
34.5	10	12	14
46	10	12	14
69	10	18	20

TABLE 33

HORIZONTAL CLEARANCES FROM ADJACENT STRUCTURES

(Including Protuberances)

(See Rules 26-178, 36-016)

Voltage Class  Kilovolts	Clearance  Feet
2.5, 5.0, 7.5, 15, 23, 34.5 and 46	10
69	12



**TABLE 34***(See Rule 36-016)***VERTICAL GROUND CLEARANCES FOR OPEN LINE CONDUCTORS**

<b>Voltage Class</b>	<b>Minimum Vertical Clearance Above Ground (Except at Point of Connection)</b>
<b>Kilovolts</b>	<b>Feet</b>
2.5, 5.0, and 7.5	20
15	20
23	20
34.5	22
46	23
69	25

**TABLE 35***(See Rule 26-006)*

**SPACINGS FOR ISOLATING SWITCHES AND FUSES  
ASSEMBLED IN THE FIELD  
(Not of the Metal Enclosed Type)**

<b>Voltage Class</b>	<b>Minimum Phase Spacing (Centre to Centre)</b>	
	<b>Disconnect Switches and Fuses Other Than Expulsion Types</b>	<b>Horn-Gap Switches and Expulsion Fuses</b>
<b>Kilovolts</b>	<b>Inches</b>	<b>Inches</b>
2.5, 5.0, and 7.5	18	36
15	24	36
23	30	48
34.5	36	60
46	48	72
69	60	84

TABLE 36

(See Rule 4-002 (6) and Rule 75-026)

**MAXIMUM ALLOWABLE AMPACITY OF NEUTRAL  
SUPPORTED CABLE TYPES NS-1 AND NSF-2  
(Based on Ambient Temperatures of 30C (86F))**

Size AWG	Ampacity (Aluminum Conductors)	
	Two Insulated Conductors	Three Insulated Conductors
8	55	45
6	70	60
4	95	80
3	110	95
2	125	105
1	145	120
0	165	140
00	190	160
000	215	185
0000	250	215

- NOTES: 1. The above values assume radiation from the sun, a wind velocity of 2 feet per second and a maximum conductor temperature of 75C.  
2. For ambients of 40C and 50C multiply the above values by 0.88 and 0.75, respectively.

TABLE 37

(See Rule 28-014)

**MOTOR SUPPLY CONDUCTOR INSULATION  
MINIMUM TEMPERATURE RATING  
(Degrees Centigrade)**

**Based on Ambient Temperature of 30C (86F)**

Motor Enclosure	Insulation Class			
	A	B	F	H
All enclosures except totally enclosed non-ventilated	60	60	75	75
Totally enclosed non-ventilated	75	75	90	110

TABLE 38

(See Rules 12-2212 and 12-2312)

CURRENT RATING CORRECTION FACTORS FOR  
VENTILATED AND LADDER TYPE CABLETROUGHS  
AND FOR NON-VENTILATED CABLETROUGHS AND FOR  
VENTILATED FLEXIBLE CABLEWAY

Number of Conductors	Current Rating Correction Factor
1-3	1.00
4-6	.80
7-24	.70
25-42	.60
43 and up	.50

TABLE 39

(See Rule 12-2212)

CURRENT RATING CORRECTION FACTORS WHERE SPACINGS ARE  
MAINTAINED (VENTILATED AND LADDER TYPE CABLETROUGHS)

Number of Conductors of Cables Horizontally	1	2	3	4	5	6
Vertically 1	1.00	.93	.87	.84	.83	.82
2	.89	.83	.79	.76	.75	.74



**TABLE 40**  
(See Rule 12-1106)  
**TAPERED THREADS FOR FIELD CUT CONDUIT**

Trade Size of Conduit  Inches	Number of Threads per Inch	External Threads		Internal Threads	
		Length of Thread		Gauged with American Standard Taper Pipe Thread (NPT) Plug Gauge*	
		Minimum Inches	Maximum Inches	Minimum Turns	Maximum Turns
½	14	0.64 (10/16)†	0.71 (11/16)†	6	9
¾	14	0.65 (10/16)	0.71 (11/16)	6	9
1	11½	0.81 (13/16)	0.89 (14/16)	6	9
1¼	11½	0.81 (13/16)	0.89 (14/16)	6	10
1½	11½	0.81 (13/16)	0.89 (14/16)	6	10
2	11½	0.87 (14/16)	0.96 (15/16)	6	10
2½	8	1.32 (1-5/16)	1.44 (1-7/16)	6	10
3	8	1.38 (1-6/16)	1.50 (1-8/16)	6	10
3½	8	1.43 (1-7/16)	1.55 (1-9/16)	7	11
4	8	1.48 (1-8/16)	1.60 (1-10/16)	7	11
5	8	1.59 (1-10/16)	1.71 (1-11/16)	7	11
6	8	1.70 (1-11/16)	1.82 (1-13/16)	7	11

\*See ANSI Standard B2.1-1968, Pipe Threads (Except Dryseal).  
†Fractional dimensions are approximate.

**TABLE 41**  
(See Rule 10-614)  
**MINIMUM SIZE OF BONDING JUMPER  
FOR SERVICE RACEWAYS**

Ampacity of Largest Service Conductor	Size of Bonding Jumper	
	Copper Wire	Aluminum Wire
	AWG	AWG
100 or less	8	6
200	6	4
400	4	2
600	2	0
800	0	00
1,000	00	000
1,200	000	0000

**TABLE 42**  
(See Rule 12-2202)  
**LOAD CLASSES**

Class	Maximum Design Load for Maximum Associated Support Spacing	
	Design Load Pounds Per Foot	Design Support Spacing Feet
A	25	10
B	50	10
CI	65	10
DI	45	20
E	75	20

**TABLE 43**  
(See Rule 10-702)  
**MINIMUM CONDUCTOR SIZE  
FOR  
CONCRETE ENCASED ELECTRODES**

Ampacity of Largest Service Conductor or Equivalent for Multiple Conductors	Size of Bare Copper Conductor
Amperes	AWG
165 amperes or less	4
166 to 260	2
261 to 355	0
356 to 475	00
Over 475	000

TABLE 44  
(See Rule 28-074)  
THREE PHASE AC MOTORS

3-Phase  Motor Rating HP	AC Motor Full-Load Current in Amperes a,b,c,d,e									
	Induction Type					Synchronous Type				
	Squirrel-Cage and Wound Rotor Amperes					Unity Power Factor d Amperes				
	115V	230V	460V	575V	2300V	230V	460V	575V	2300V	
1/2	4	2	1	.8						
3/4	5.6	2.8	1.4	1.1						
1	7.2	3.6	1.8	1.4						
1 1/2	10.4	5.2	2.6	2.1						
2	13.6	6.8	3.4	2.7						
3		9.6	4.8	3.9						
5		15.2	7.6	6.1						
7 1/2		22	11	9						
10		28	14	11						
15		42	21	17						
20		54	27	22						
25		68	34	27		54	27	22		
30		80	40	32		65	33	26		
40		104	52	41		86	43	35		
50		130	65	52		108	54	44		
60		154	77	62	16	128	64	51	12	
75		192	96	77	20	161	81	65	15	
100		248	124	99	26	211	106	85	20	
125		312	156	125	31	264	132	106	25	
150		360	180	144	37		158	127	30	
200		480	240	192	49		210	168	40	

NOTES: aFor full-load currents of 208 and 200 volt motors, increase the corresponding 230 volt motor full-load current by 10 and 15 per cent, respectively.  
bThese values of motor full-load current are to be used as guides only. Where exact values are required (e.g. for motor protection), always use those appearing on the motor name plate.  
cThese values of motor full-load current are for motors running at speeds usual for belted motors and motors with normal torque characteristics. Motors built for especially low speeds or high torques may require more running current, and multi-speed motors will have full-load current varying with speed, in which case the nameplate current rating shall be used.  
dFor 90 and 80 per cent P.F. the above figures shall be multiplied by 1.1 and 1.25 respectively.  
eThe voltages listed are rated motor voltages. Corresponding Nominal System Voltages are 120, 240, 480 and 600 volts. Refer to CSA Standard C235-1969, Preferred Voltage Levels for AC Systems 0 to 50,000 volts.



**TABLE 45**  
(See Rule 28-074)  
**SINGLE PHASE AC MOTORS**

Single Phase AC Motors Full-load Current In Amperes <sup>a,b,c,d</sup>		
* HP Rating	115V	230V
1/6	4.4	2.2
1/4	5.8	2.9
1/3	7.2	3.6
1/2	9.8	4.9
3/4	13.8	6.9
1	16	8
1 1/2	20	10
2	24	12
3	34	17
5	56	28
7 1/2	80	40
10	100	50

NOTES: <sup>a</sup>For full-load currents of 208 and 200 volt motors, increase the corresponding 230 volt motor full-load current by 10 and 15 per cent respectively.

<sup>b</sup>These values of motor full-load current are to be used as guides only. Where exact values are required (e.g. for motor protection), always use those appearing on the motor name plate.

<sup>c</sup>These values of full-load current are for motors running at usual speeds and motors with normal torque characteristics. Motors built for especially low speeds or high torques may have higher full-load currents, and multi-speed motors will have full-load current varying with speed, in which case the nameplate current ratings shall be used.









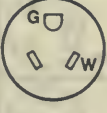




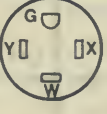




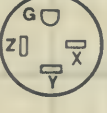

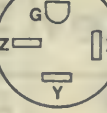
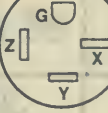
<sup>d</sup>The voltages listed are rated motor voltages. Corresponding Nominal System Voltages are 120 and 240 volts.

Refer to CSA Standard C235-1969, Preferred Voltage Levels for AC Systems 0-50,000 volts.

TABLE 46

(See Rules 26-116 and 26-132)

CONFIGURATIONS FOR NONLOCKING RECEPTACLES

		15 AMPERE	20 AMPERE	30 AMPERE	50 AMPERE	60 AMPERE
2-POLE 3-WIRE GROUNDING	5 125V	 5-15R	 5-20R	 5-30R	 5-50R	
	6 250V	 6-15R	 6-20R	 6-30R	 6-50R	
	7 277V AC	 7-15R	 7-20R	 7-30R	 7-50R	
3-POLE 4-WIRE GROUNDING	14 125/ 250V	 14-15R	 14-20R	 14-30R	 14-50R	 14-60R
	15 3 Ø 250V	 15-15R	 15-20R	 15-30R	 15-50R	 15-60R

**TABLE 47**  
(See Rule 26-132)  
**CONFIGURATIONS FOR LOCKING RECEPTACLES**

			15 AMPERE	20 AMPERE	30 AMPERE
2-POLE 3-WIRE GROUNDING	125V	L5	L5-15R	L5-20R	L5-30R
	250V	L6	L6-15R	L6-20R	L6-30R
	277V AC	L7	L7-15R	L7-20R	L7-30R
	480V	L8		L8-20R	L8-30R
	600V	L9		L9-20R	L9-30R
3-POLE 4-WIRE GROUNDING	125/250V	L14		L14-20R	L14-30R
	3Ø 250V	L15		L15-20R	L15-30R
	3Ø 480V	L16		L16-20R	L16-30R
	3Ø 600V	L17			L17-30R
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21		L21-20R	L21-30R
	3ØY 277/480V	L22		L22-20R	L22-30R
	3ØY 347/600V	L23		L23-20R	L23-30R



**TABLE 48***(See Rule 70-104)***SIZE OF CONDUIT FOR MOBILE HOMES**

Rating of Main Overcurrent Protection Amperes	Minimum Trade Size of Conduit Inches	
	Excluding System Ground	Including System Ground
50	1	1¼
60	1¼	1¼
100	1¼	1½
150	2	2
200	2	2½

NOTE: These sizes are based on the use of copper conductors.

**TABLE 143***(See Rule 75-014)*

## CIRCUMFERENCE OF POLES

Length of Pole feet	Western Cedar or Pressure-treated Pine inches	Eastern Cedar and Other inches
25	26	28
30	26½	31
35	28	33
40	34	37

**TABLE 144***(See Rule 75-020)*

## MINIMUM DEPTH OF POLES

Pole Length feet	Minimum Depth of Hole feet
25	5
30	5½
35	5½
40	6
45	6½
50	7

TABLE 145

(See Rules 75-022 and 074-076)

MAXIMUM CONDUCTOR SPANS

Size of Conductor AWG	Type of Conductor	Maximum Span Feet
6	Medium-hard-drawn copper, weatherproof	135
6	Hard-drawn or medium-hard- drawn copper, bare	150
4	Bare hard-drawn copper	250
4	Bare steel-reinforced aluminum	250
2	Bare steel-reinforced aluminum	350
0	Bare steel-reinforced aluminum	350

TABLE 146

(See Rule 75-080)

CONDUCTOR SAG BETWEEN POLES—WEATHERPROOF COPPER CONDUCTORS

Temperature (Fahrenheit) degrees	Conductors No. 6 to No. 0 AWG			Conductors No. 2/0 to 250 MCM AWG		
	100 Ft. Span inches	125 Ft. Span inches	150 Ft. Span inches	100 Ft. Span inches	125 Ft. Span inches	150 Ft. Span inches
-20	4	6	8	5	8	12
0	5	8	12	7	11	16
32	7	11	16	9	15	21
60	9	15	21	12	18	26
90	12	19	27	14	22	32
120	15	24	34	17	26	38

TABLE 147

(See Rule 75-080)

SAG OF ALUMINUM CONDUCTORS STEEL REINFORCED

Temperature (Fahrenheit) degrees	Nos. 2, 1/0, Stranding 6/1							
	Span in Feet							
	175	200	225	250	275	300	325	350
	Sag in Inches							
-30	8	10	13	17	20	24	28	32
0	14	18	23	29	35	42	49	57
+32	18	24	30	37	45	54	63	73
60	22	29	36	45	54	64	76	87
90	26	33	42	52	63	75	88	102
120	29	38	47	59	71	85	99	115

NOTE: For sizes larger than No. 1/0 AWG refer to the Supply Authority.

TABLE 148

(See Rule 75-080-092)

SAG OF TRIPLEX CONDUCTORS

Temperature (Fahrenheit) degrees	Triplex 2—No. 2 PolyAl 1—No. 2 Bare Acrs.					Triplex 2—No. 1/0 PolyAl 1—No. 1/0 Bare Acrs.					Triplex 2—No. 3/0 PolyAl 1—No. 1/0 Bare Acrs.				
	Span in Feet					Span in Feet					Span in Feet				
	50	75	100	125	150	50	75	100	125	150	50	75	100	125	150
	Sag in Inches					Sag in Inches					Sag in Inches				
-20	8	17	30	47	68	10	23	40	62	89	12	27	47	74	106
0	8	18	32	50	72	11	23	41	64	92	12	28	48	75	108
+32	9	19	34	53	74	11	24	43	67	97	12	28	49	77	110
60	9	21	37	58	84	11	25	45	70	101	13	28	50	78	112
90	16	22	39	61	87	12	26	46	72	103	13	29	52	81	113

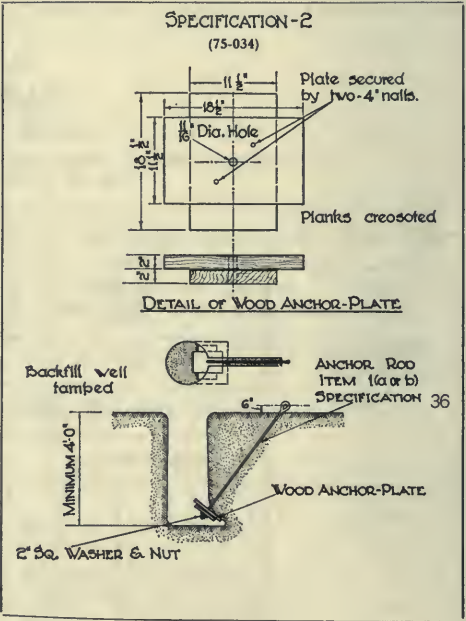
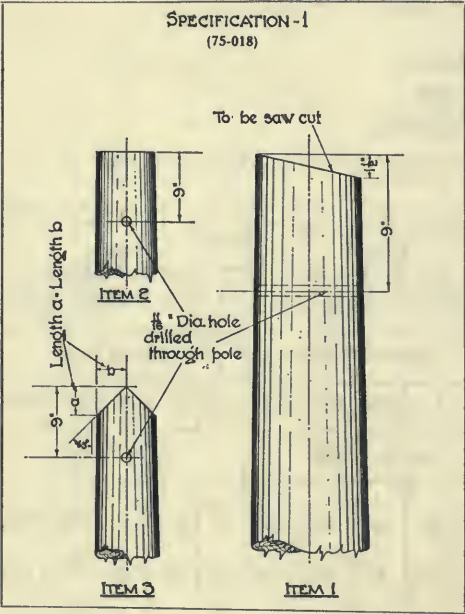


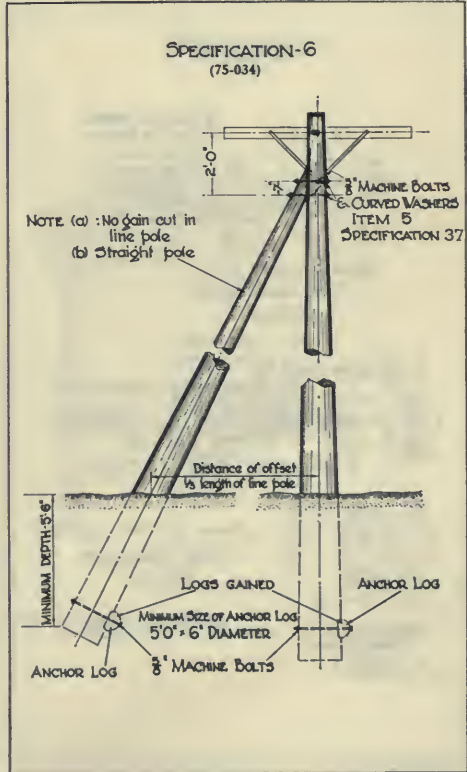
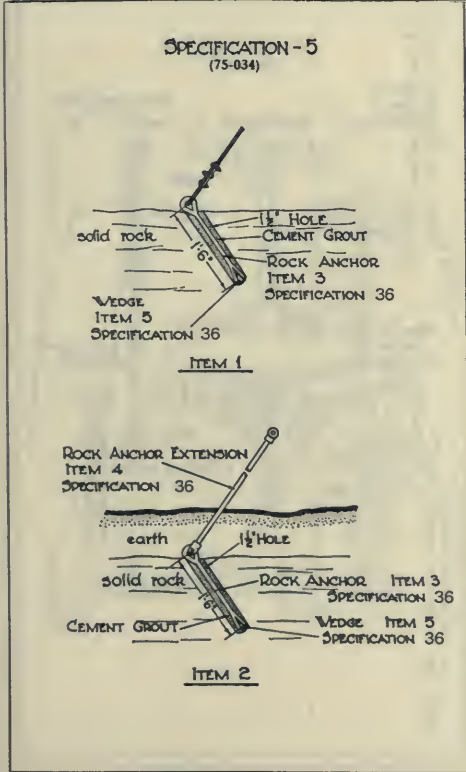
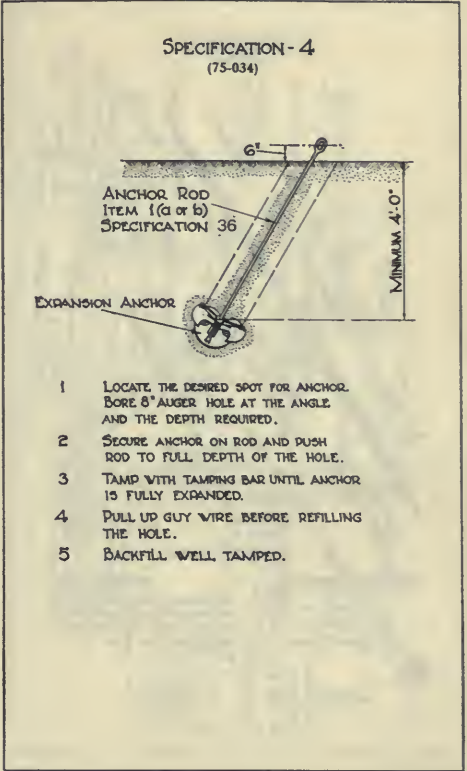
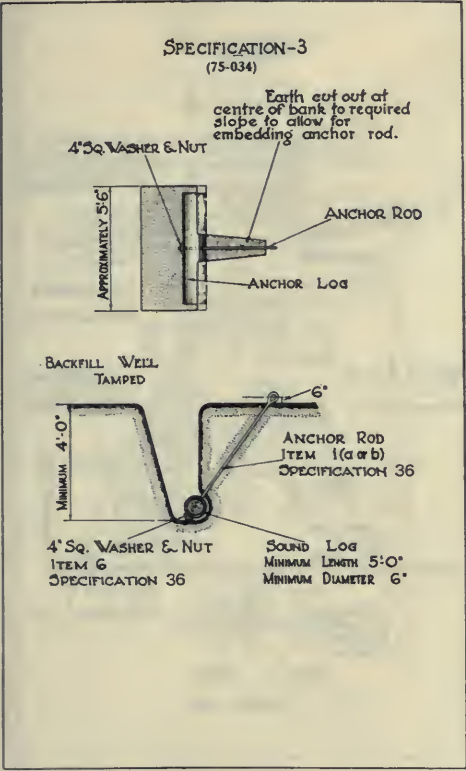
TABLE 149

(See Rule 75-092)

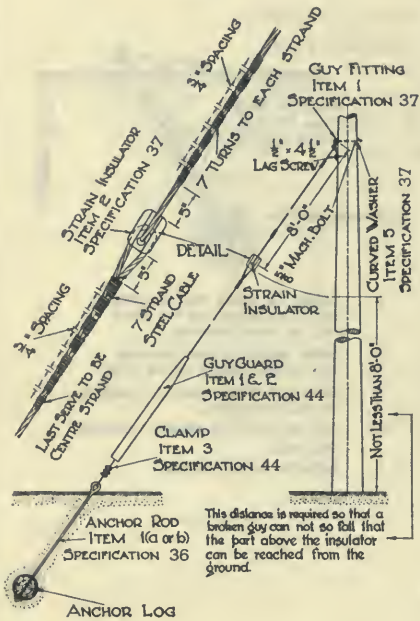
CONDUCTOR SAG BETWEEN POLE AND BUILDING  
WEATHERPROOF COPPER CONDUCTORS

Temperature (Fahrenheit) degrees	50 Ft. Span inches	75 Ft. Span inches	100 Ft. Span inches
-20	5	11	19
0	6	12	22
32	6	14	25
60	7	16	29
90	8	17	31
120	8	19	33

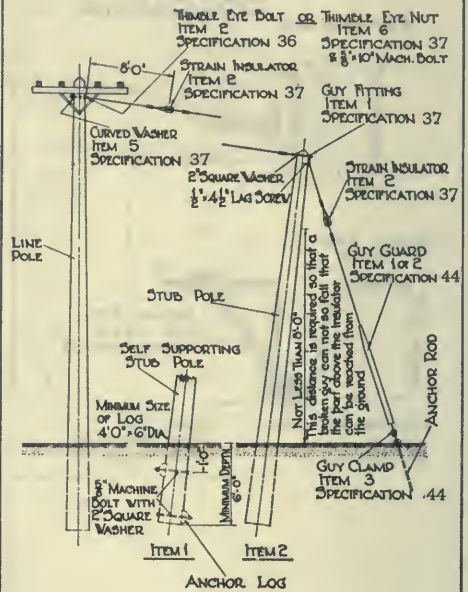




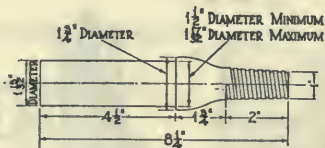
**SPECIFICATION-7**  
(75-040)



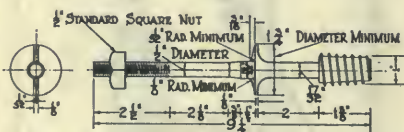
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(75-044)



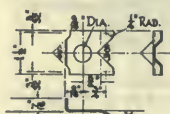
**SPECIFICATION-9**  
(75-056)



**MATERIAL - LOCUST WOOD**  
**WOOD CROSSARM PIN**  
**ITEM 3**

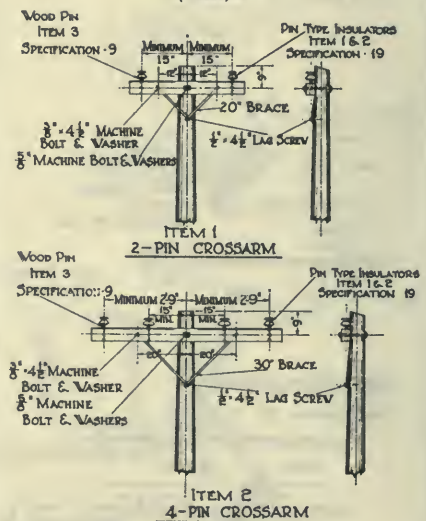


**DETAIL OF PIN**  
**STEEL CROSSARM PIN**  
**ITEM 2**

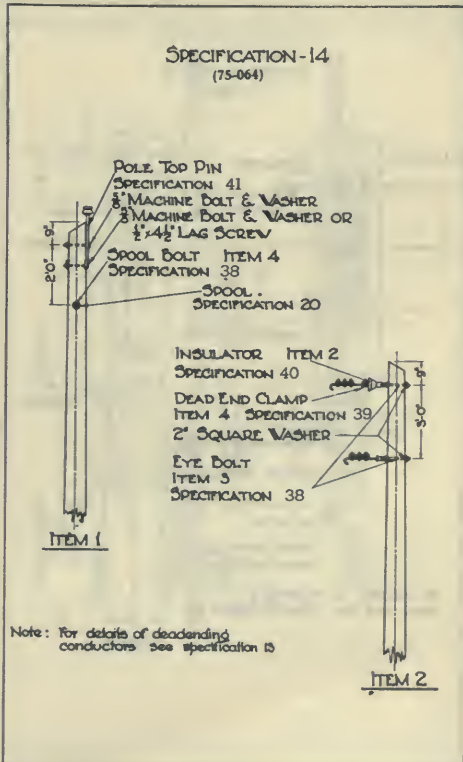
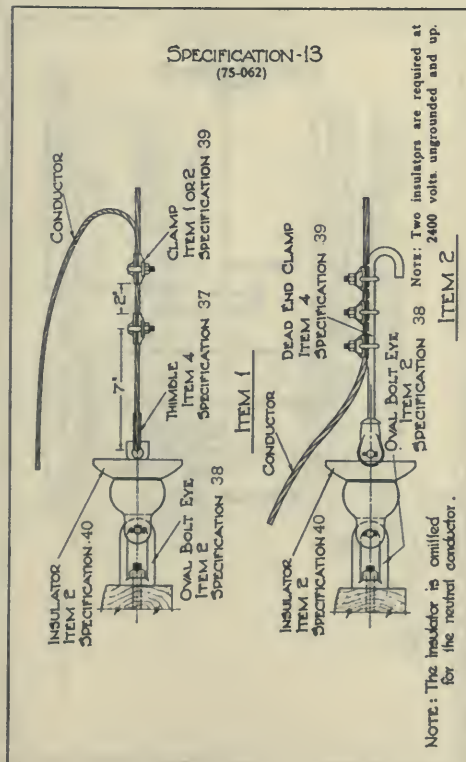
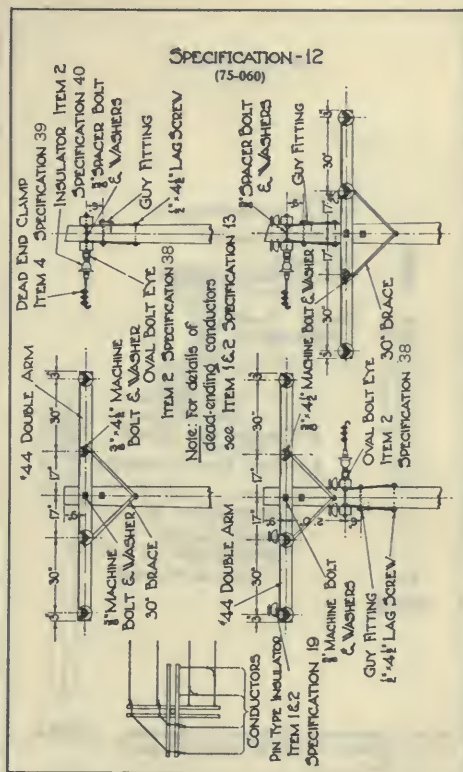
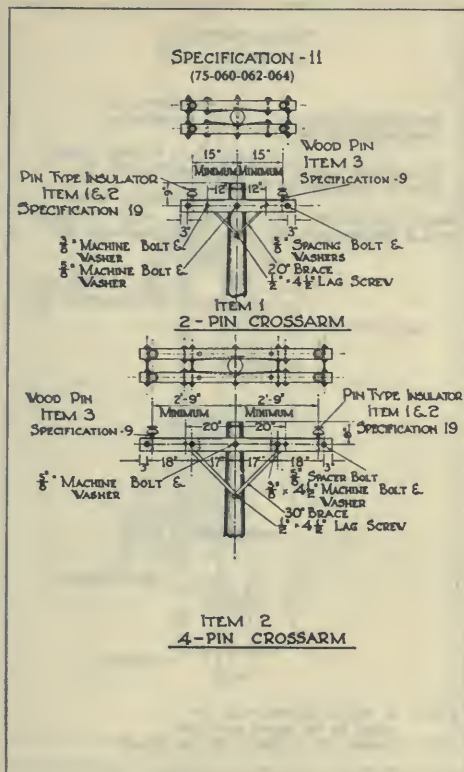


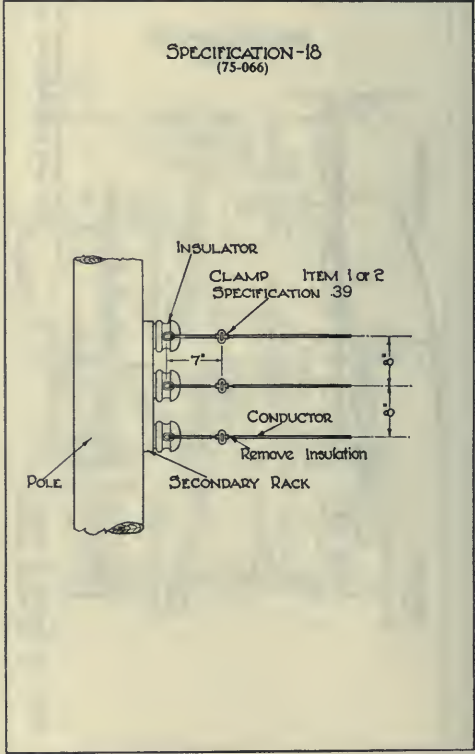
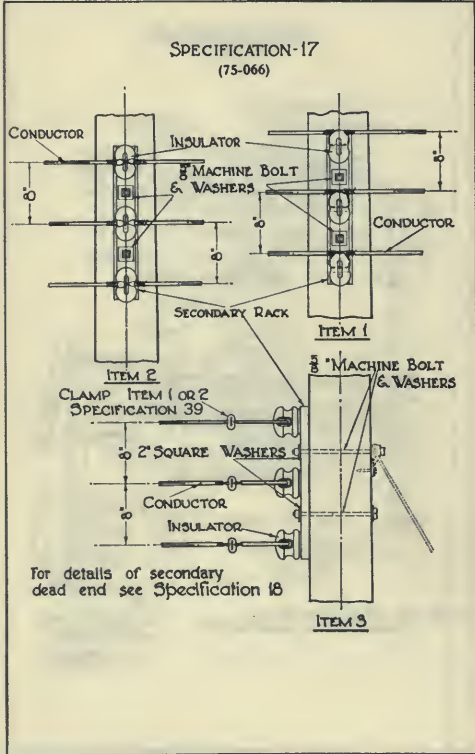
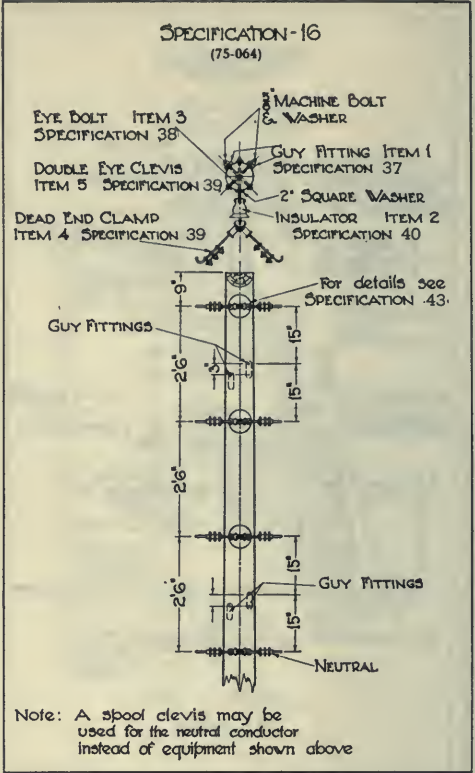
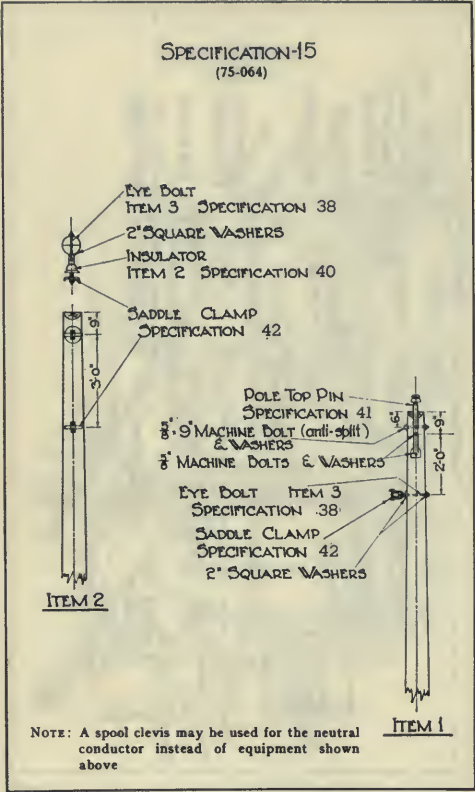
**DETAIL OF LOCK WASHER**  
**1/16 GA. M. D. STEEL**  
**ITEM 1**

**SPECIFICATION -10**  
(75-060)



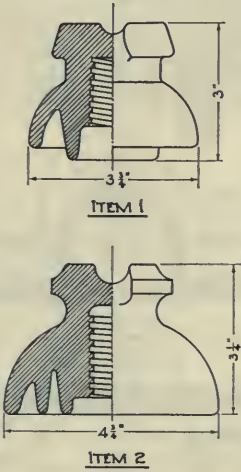




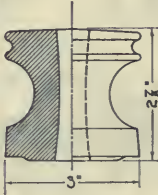


SPECIFICATION - 19  
(75-070)

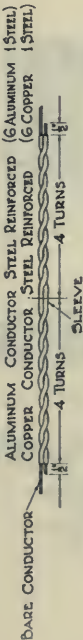
WET PROCESS PORCELAIN INSULATORS



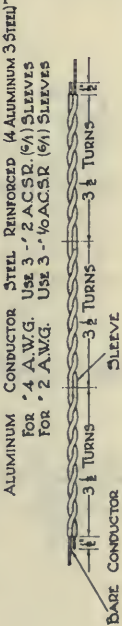
SPECIFICATION - 20  
(75-070)



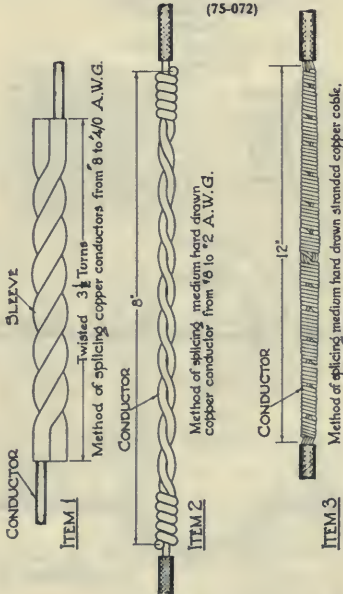
SPECIFICATION - 21  
(75-072)



NOTE: Sleeves shall be given the number of turns specified so that in the completed joint the sleeve will turn in the direction of the conductor being joined. Note that conductor sleeves may be applied in either direction. Sleeve wrenches will be applied 1" from ends of sleeve. Ends of conductor must not be served around other conductors or other parts of the structure. Conductor must be thoroughly cleaned before making splice.

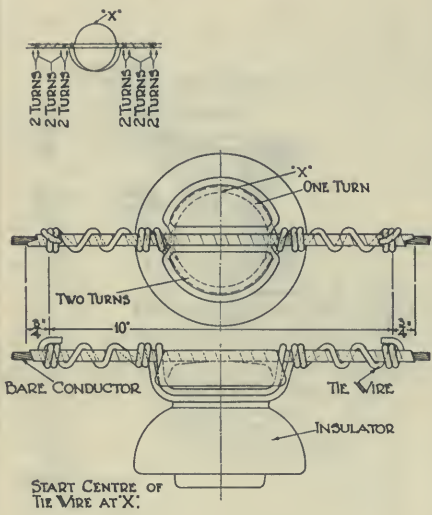


SPECIFICATION - 22  
(75-072)

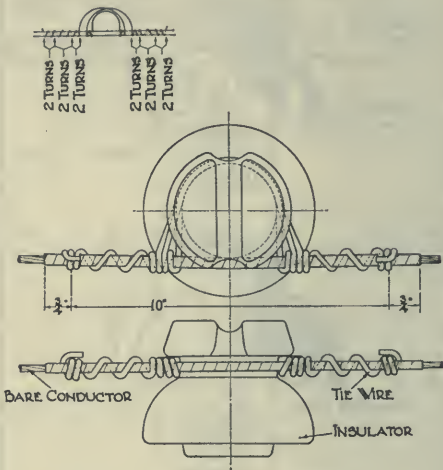




SPECIFICATION-23  
(75-082)



SPECIFICATION-24  
(75-082)



SPECIFICATION-25  
(75-082)

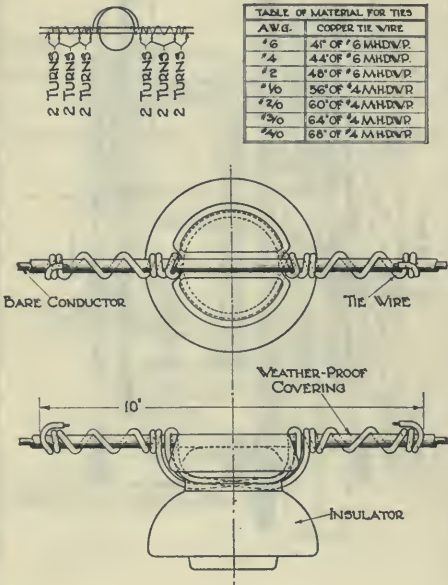


TABLE OF MATERIAL FOR TIES	
A.W.G.	COPPER TIE WIRE
#6	41' OF #6 MHDVP
#4	44' OF #6 MHDVP
#2	48' OF #6 MHDVP
#10	56' OF #4 MHDVP
#20	60' OF #4 MHDVP
#30	64' OF #4 MHDVP
#40	68' OF #4 MHDVP

SPECIFICATION-26  
(75-082)

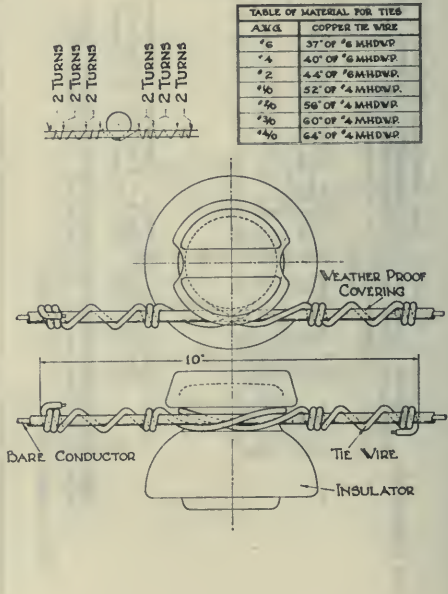
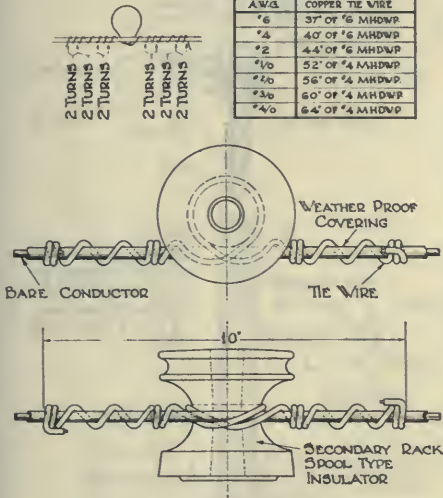


TABLE OF MATERIAL FOR TIES	
A.W.G.	COPPER TIE WIRE
#6	37' OF #6 MHDVP
#4	40' OF #6 MHDVP
#2	44' OF #6 MHDVP
#10	52' OF #4 MHDVP
#20	56' OF #4 MHDVP
#30	60' OF #4 MHDVP
#40	64' OF #4 MHDVP

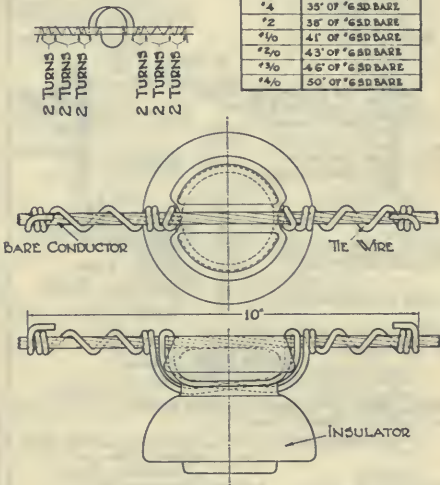
SPECIFICATION-27  
(75-082)

TABLE OF MATERIAL FOR TIES	
A.W.G.	COPPER TIE WIRE
#6	37' OF #6 MHDWP
#4	40' OF #6 MHDWP
#2	44' OF #6 MHDWP
#10	52' OF #4 MHDWP
#30	60' OF #4 MHDWP
#40	64' OF #4 MHDWP

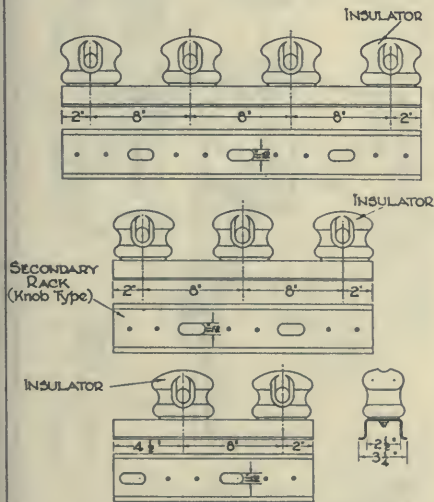


SPECIFICATION-28  
(75-082)

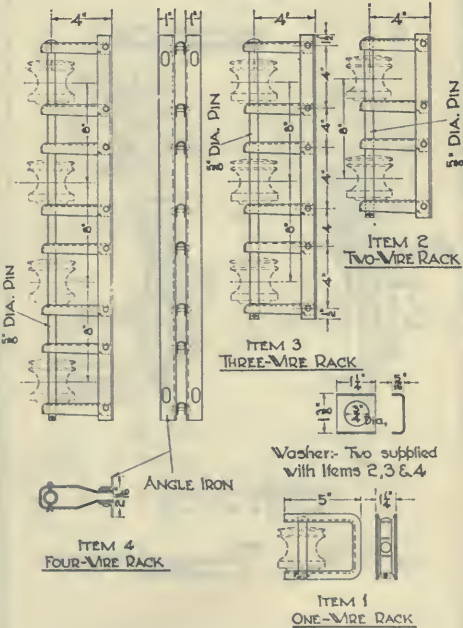
TABLE OF MATERIAL FOR TIES	
A.W.G.	COPPER TIE WIRE
#6	34' OF #6 SD BARE
#4	35' OF #6 SD BARE
#2	36' OF #6 SD BARE
#10	41' OF #6 SD BARE
#30	43' OF #6 SD BARE
#40	46' OF #6 SD BARE
#40	50' OF #6 SD BARE



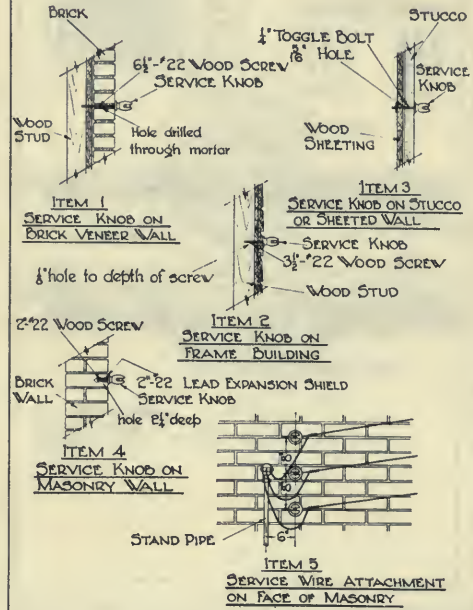
SPECIFICATION-29  
(75-090)



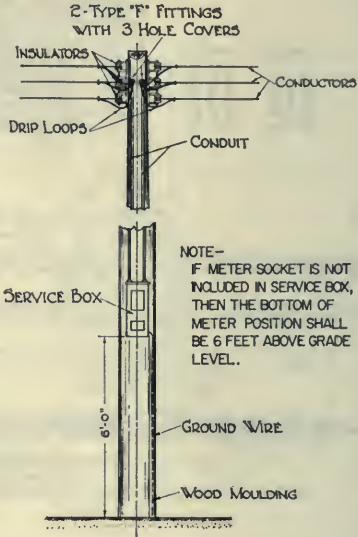
SPECIFICATION-30  
(75-066-090)



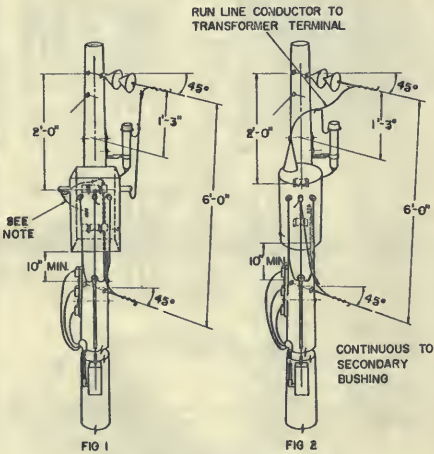
SPECIFICATION - 31  
(75-114-116)



SPECIFICATION - 32  
(75-094)



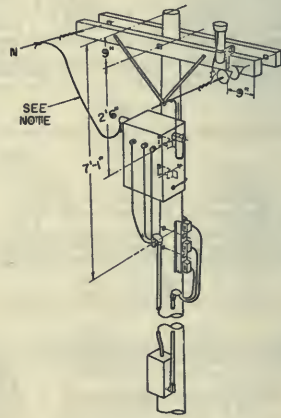
SPECIFICATION - 33  
(75-094)



THIS INSTALLATION NORMALLY  
REQUIRES A 35'-0" POLE

NOTE  
CONTINUOUS FROM SYSTEM NEUTRAL  
TO GROUND PLATE

SPECIFICATION - 33a  
(ALTERNATIVE TO N° 33)  
(75-064)

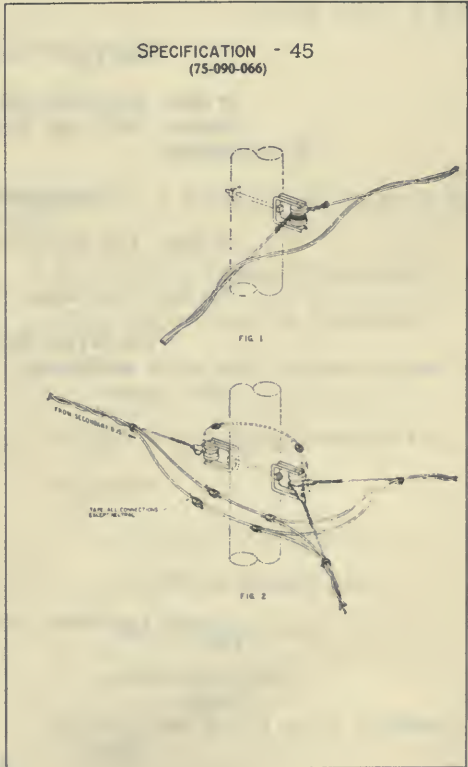
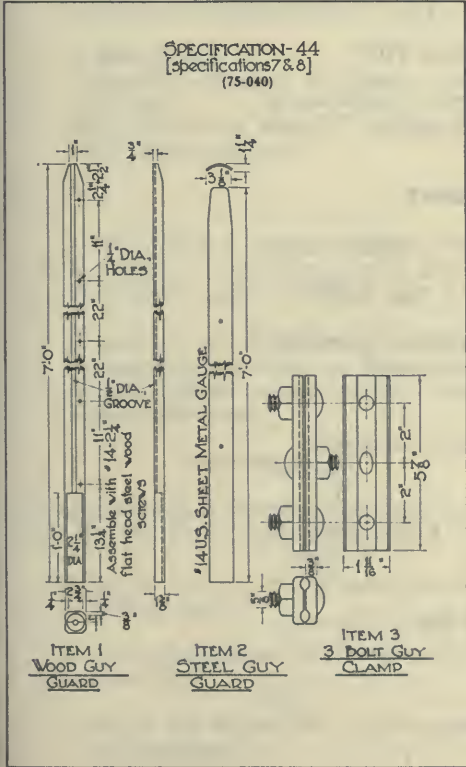
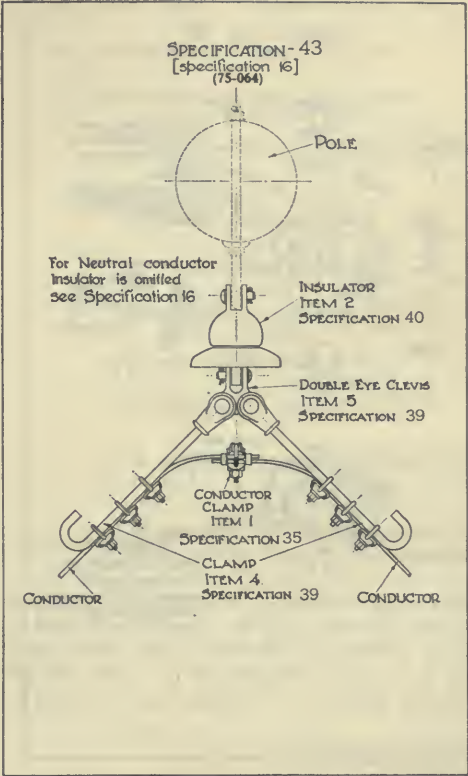
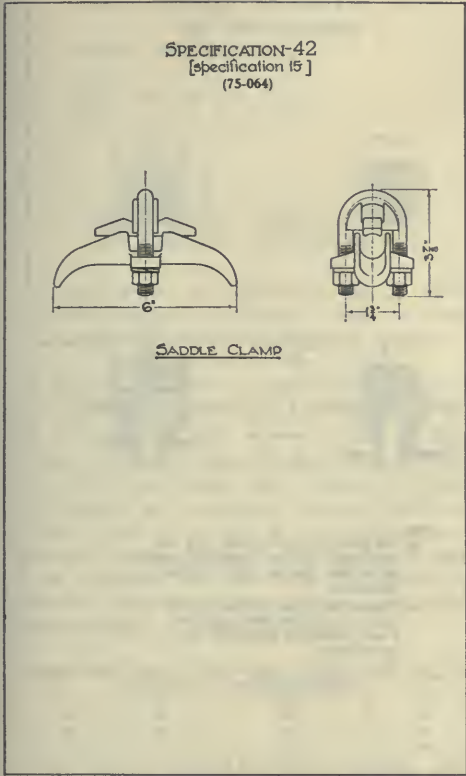


NOTE  
CONTINUOUS FROM SYSTEM NEUTRAL  
TO GROUND PLATE

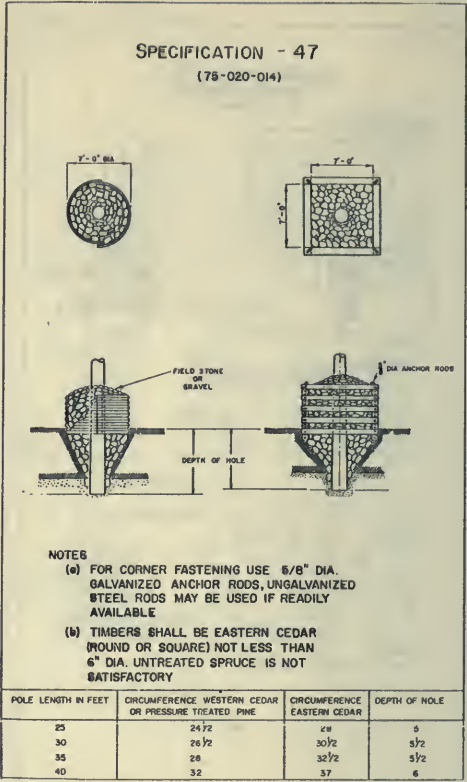
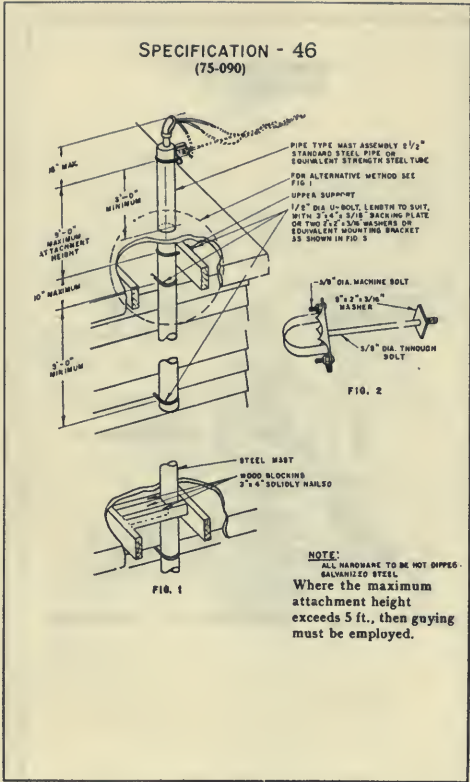












SECTION 77—REVOCATION

77-000. Regulation 683 of Revised Regulations of Ontario, 1970 and Ontario Regulation 7/71 are revoked.

COMMENCEMENT

77-002. This Regulation comes into force on the 3rd day of September, 1973. O. Reg. 168/73.

THE HYDRO-ELECTRIC POWER COMMISSION  
OF ONTARIO:

GEORGE E. GATHERCOLE,  
*Chairman.*

E. B. EASSON,  
*Secretary.*

Dated at Toronto, this 7th day of February, 1973.

**THE PENSION BENEFITS ACT****O. Reg. 169/73.**

General.

Made—March 21st, 1973.

Filed—March 27th, 1973.

**REGULATION MADE UNDER  
THE PENSION BENEFITS ACT**

1. Section 8 of Regulation 654 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

8. Upon application for registration of a pension plan pursuant to subsection 1 of section 18 of the Act, or upon the filing of an annual information return pursuant to subsection 4 of section 18 of the Act, a fee of one dollar shall be paid in respect of each member of the pension plan in Ontario and in respect of each member of the pension plan in a designated province reported to be on the payroll of the employer, but the total fee payable shall be not less than five dollars and not more than two hundred dollars. O. Reg. 169/73, s. 1.

(5194)

15

**THE PUBLIC TRANSPORTATION AND  
HIGHWAY IMPROVEMENT ACT****O. Reg. 170/73.**

Designations—Toronto to Windsor (Hwy. No. 401).

Made—March 21st, 1973.

Filed—March 29th, 1973.

**REGULATION MADE UNDER  
THE PUBLIC TRANSPORTATION AND  
HIGHWAY IMPROVEMENT ACT**

1. Schedules 87, 88, 89, 90, 91, 92, 93 and 94 to Regulation 400 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 84**

In the Township of Sandwich South and in the City of Windsor in the County of Essex being,

- (a) part of Lot 12 in each of concessions 6, 8, 9, 10, 11 and 12;
- (b) part of Lot 13 in each of concessions 6, 7, 8, 11 and 12;
- (c) part of lots 305 and 306, Concession north of Talbot Road;

(d) part of Block A, registered plan 1617;

(e) part of North Talbot Road; and

(f) part of the road allowance between,

(i) the townships of Sandwich South and Maidstone,

(ii) concessions 11 and 12,

(iii) concessions 10 and 11,

(iv) concessions 9 and 10,

(v) concessions 8 and 9,

(vi) concessions 7 and 8,

(vii) concessions 6 and 7 (Walker's Road), and

(viii) lots 305 and 306, Concession north of Talbot Road (Outer Boulevard),

and being that portion of the King's Highway shown as PART 1 on Ministry of Transportation and Communications plan P-2959-82, deposited in the land registry office for the Registry Division of Essex on the 17th day of January, 1973 as plan 12R-720.

6.75 miles, more or less.

O. Reg. 170/73, s. 1, *part.*

**Schedule 85**

In the City of Windsor in the County of Essex being,

(a) part of lots 12 and 13, Concession 6;

(b) part of lots 13 and 14, Concession 5;

(c) part of the road allowance between concessions 5 and 6;

(d) part of Block Z, registered plan 1330;

(e) part of,

(i) lots 1, 2, 7 and 27,

(ii) Hanley Crescent, and

(iii) Howard Avenue,

registered plan 1503;

(f) all of lots 3, 4, 5 and 6, registered plan 1503;

(g) part of,

(i) lots 9 to 16, both inclusive, and Lot 20,

(ii) lots 89, 90, 91, 92, 93, 98, 99, 100, 101 and 102,

(iii) lots 107 to 126, both inclusive,

(iv) Roseland Crescent South, and

(v) Dougall Avenue,

registered plan 1489;

(h) all of lots 17, 18, 19, 94, 95, 96 and 97, registered plan 1489; and

(i) part of Dougall Avenue, registered plan 1478,

and being that portion of the King's Highway shown as PART 1 on Ministry of Transportation and Communications plan P-2959-81, deposited in the land registry office for the Registry Division of Essex on the 22nd day of December, 1972 as plan 12R-697.

1.75 miles, more or less.

O. Reg. 170/73, s. 1, *part*.

(5210)

15

## THE APPRENTICESHIP AND TRADESMEN'S QUALIFICATION ACT

**O. Reg. 171/73.**

Ironworkers.

Made—March 21st, 1973.

Filed—March 29th, 1973.

### REGULATION MADE UNDER THE APPRENTICESHIP AND TRADESMEN'S QUALIFICATION ACT

#### IRONWORKERS

#### 1. In this Regulation,

(a) "certified trade" means the trade of ironworker;

(b) "ironworker" means a person who,

(i) in the field, fabricates, assembles, installs, hoists, erects, dismantles, reconditions, adjusts, alters, re-

pairs or services all structural ironwork, precast and prestressed concrete, concrete reinforcing materials, ferrous and non-ferrous materials in curtain wall, ornamental and miscellaneous metal work and all other materials used in lieu thereof and applies sealants where applicable thereto, and moves and places machinery and heavy equipment, and

(ii) reads and understands all shop and field drawings, including those taken from original architectural and engineering drawings, that are related to the work operations contained in subclause i,

but does not include a person employed as a shop-man on the fabrication and assembly of materials in an industrial manufacturing plant. O. Reg. 171/73, s. 1.

2. The trade of ironworker is designated as a certified trade for purposes of the Act. O. Reg. 171/73, s. 2.

3.—(1) An apprentice training program is established for the certified trade and shall consist of three periods of related training and work experience training of 2,000 hours for each period,

(a) at full-time educational day classes provided at a college of applied arts and technology in the subjects contained in Schedule 1; and

(b) in work experience training provided by the employer of the apprentice in the subjects contained in Schedule 2.

(2) The total hours of related training and work experience training shall be assigned as shown in schedules 1 and 2. O. Reg. 171/73, s. 3.

4. The subjects of examination for an apprentice in the certified trade are the subjects contained in schedules 1 and 2. O. Reg. 171/73, s. 4.

5. Every apprentice in the certified trade shall be at least seventeen years of age. O. Reg. 171/73, s. 5.

6. Every apprentice in the certified trade shall be in good physical health and shall provide medical proof thereof. O. Reg. 171/73, s. 6.

7. No apprentice shall be permitted to engage in the certified trade unless he is capable of climbing to and manoeuvring at heights commonly experienced in the certified trade. O. Reg. 171/73, s. 7.



8.—(1) Notwithstanding subsection 2 of section 8 of Regulation 33 of Revised Regulations of Ontario, 1970 every hour worked by an apprentice in excess of his regular daily hours of practical work experience training shall be included in computing the hours spent in related training and work experience training.

(2) The Director shall issue a progress record book to an apprentice in the certified trade for the purpose of recording the time spent by the apprentice in respect of related training and work experience training and the apprentice shall be responsible for its safekeeping. O. Reg. 171/73, s. 8.

9. The rate of wages for an apprentice in the certified trade, whether for his regular daily hours or hours in excess of his regular daily hours, shall be not less than,

- (a) 60 per cent during the first 1,000 hours of related training and work experience training;
- (b) 70 per cent during the second 1,000 hours of related training and work experience training;
- (c) 75 per cent during the third 1,000 hours of related training and work experience training;
- (d) 80 per cent during the fourth 1,000 hours of related training and work experience training;
- (e) 85 per cent during the fifth 1,000 hours of related training and work experience training;
- (f) 90 per cent during the sixth 1,000 hours of related training and work experience training.

of the average hourly rate of wages or its equivalent for a journeyman employed by the employer in the certified trade and with whom the apprentice is working. O. Reg. 171/73, s. 9.

10. The number of apprentices who may be employed by an employer in the certified trade shall not exceed,

- (a) one apprentice for the first journeyman employed by the employer plus one additional apprentice for each additional seven journeymen employed by the employer in the certified trade; and
- (b) one apprentice for the first journeyman employed by the employer plus one additional apprentice for each additional five journeymen employed by the employer in the trade where the employer is engaged solely in the occupational skills described in item 3 or item 4 of Schedule 2. O. Reg. 171/73, s. 10.

11. A contract of apprenticeship shall be entered into by every apprentice with the local apprenticeship committee for the certified trade, established under the Act in the area in which his apprenticeship originates and the apprentice shall be responsible for preparing the reports of his work experience and instruction as prescribed in his progress report book for submission to such local apprenticeship committee. O. Reg. 171/73, s. 11.

12. The local apprenticeship committee shall be responsible for periodic review of the progress of each apprentice and for ensuring that the apprentice obtains the prescribed range of work experience and related training as prescribed in the appendix of the progress record book. O. Reg. 171/73, s. 12.

13.—(1) Section 8 and subsection 2 of section 10 of the Act do not apply to any person who works or is employed in the certified trade.

(2) Section 9 and subsection 3 of section 10 of the Act do not apply to an employer in the certified trade. O. Reg. 171/73, s. 13.

14. A certificate of qualification in the certified trade is not required to be renewed. O. Reg. 171/73, s. 14.

15. Regulation 38 of Revised Regulations of Ontario, 1970 is revoked. O. Reg. 171/73, s. 15.

## Schedule 1

## IRONWORKER

## In-School Training

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
1	Mathematics (Trade Related)		Total Hours 636  Addition, subtraction, multiplication, and division of whole numbers, fractions, mixed numbers, decimal fractions. Conversion of common fractions to decimals. Averages and percentages, linear measurement, simple equations. Ratio and proportion. Angle measurement. Areas of squares, rectangles, parallelograms, trapezoids, triangles. Volumes of cubes and cylindrical objects. Measurement of regular and irregular shaped forms.
2	Blueprint Reading	Architectural Structural, Shop Drawings	Types, methods of making, care and handling of prints. Lines and sections. Material symbols. Construction drawing elements, principles, symbols and dimensions. Auxiliary views. Notes and specifications. Steel frame construction members, framing for ore bridges, power houses, highway bridges, factory and office buildings and conveyors. Design and detail drawings. Column, purlin, strut, brace and beam symbols. Concrete reinforcing drawings for reinforcing bars and concrete reinforced steel accessories. Engineering and placing drawings. Wire mesh drawings. Reinforced concrete design drawings. Welding drawings and symbols, curtain wall, sash and other non-ferrous building trim drawings. Pre-cast concrete drawings. Ornamental drawings for doors, frames, stairs, gratings and grilles.
3	Structural Ironwork	Layout and Fabrication  Erection and Assembly of Structural Steel Shapes  Connecting  Hoisting and Installing  Care and use of Tools	Methods and procedures for drilling, reaming, burning, cutting, assembling and marking steel members.  Methods and procedures for performing the functions of hooking-on, tagging, signalling, connecting, fitting, bolting, rivetting, guying, plumbing, aligning and shimming.  Knowledge of bolting, rivetting, pinning, and welding techniques.  Knowledge of the care and use of mobile land rigs, cranes, guy derricks, stiff-leg derricks, gin poles, high lines and tuggers. Erecting falsework and scaffolding and a knowledge of the breaking strains and working strengths of cables.  Knowledge of chokers, spreaders, chain blocks, rope falls, shackles, rivetting guns, bolting machines, air compressors, burning equipment, welding equipment and jacks. Power activated tools and insert setting tools.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		Precast Concrete and Laminated Timbers	Methods of handling precast and prestressed members. Hoisting and placing precast columns, beams, roof and floor slabs, architectural precast units, fascia panels and wall panels.
		Safety Regulations	Safety regulations and procedures for the performance of structural ironwork.
4	Rigging	Care and use of Tools	Splicing tools.
		Tying Knots and making Hitches	Tying knots and making bowline hitches, clovehitch, timber hitch, scaffold hitch, barrel hitch, becket hitch, half hitch and rolling hitch.
		Splicing	Splicing fibre and wire rope by short splicing, long splicing, crown and back splicing methods.
		Handling Ropes	Handling fibre and wire rope, including coiling and uncoiling, cutting, fitting clips and clamps, reeving drums and sheaves.
		Care and use of Slings	Proper use and positioning of chokers, spreaders, hooks, guy lines and anchorage. Knowledge of the breaking strains and working strengths of hoisting cables.
		Care and use of Hoisting Equipment	Knowledge of hoisting equipment including block and tackle, reeving or lacing equipment, chain blocks and come-alongs, skids, rollers, jacks, blocking equipment, cribbing gin poles, stiff-leg derricks, mobile cranes, bull-mooses, and tower cranes.
		Care and use of Scaffolding	Knowledge of scaffolding and tower hoists equipment including planking, swinging scaffolds, suspended scaffolds, needle beams, boatswain chairs and safe-way scaffolding.
		Safety	Safety requirements and procedures for the performance of rigging operations.
5	Reinforcing Ironwork	Knowledge of Materials	Knowledge of the specifications for bar size designations and size marks, bar tags and colours, wire mesh, stirrups, slab spacers, slab and beam bolsters, chairs and lapping.
		Placing Steel	Knowledge of the methods of placing steel in floor slabs, beams, columns, walls, piers, footings and stairways.
		Tying	Knowledge of the method of making snap ties, wrap and snap ties, column ties, wrap and figure eight ties and nail head ties.



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
		<p>Cutting and Bending</p> <p>Tools and Associate Equipment</p> <p>Laying of Pans</p> <p>Post Tensioning of Concrete</p> <p>Layout Procedures</p> <p>Welding</p> <p>Safety Requirements</p>	<p>Knowledge of the method of cutting, bending, and fabricating steel bars for columns, beams, floor slabs, and stirrup and a detailed knowledge of bend allowances.</p> <p>Knowledge of the care and use of pliers, safety belts and reels, twisters, hickey bars, bolt cutters, bending tables and jigs, power shears and burning equipment.</p> <p>Methods of installation.</p> <p>Methods of post tensioning.</p> <p>Knowledge of blueprint reading and bar lists for placing of bars.</p> <p>Knowledge of welding techniques.</p> <p>Knowledge of the safety regulations and procedures for the performance of reinforcing operations.</p>
6	Ornamental Ironwork and Curtain Wall Installations	<p>Layout</p> <p>Erecting and Fitting</p> <p>Curtain Wall, Window Wall and Sash</p> <p>Installation of Metal Products</p> <p>Care and use of Tools</p> <p>Sealing</p> <p>Safety Procedures</p>	<p>Knowledge of the layout methods for doors, frames, gratings and grilles, hand-rails, stairways, platforms, railings, and miscellaneous ironwork.</p> <p>Knowledge of welding, drilling, burning, bending, fabricating, plumbing and alignment.</p> <p>Knowledge of the care and handling and fabrication of aluminum, brass, bronze, stainless steel and other ferrous and non-ferrous building trim. Methods for the installation of automatic door mechanisms.</p> <p>Knowledge of the methods for installing extruded aluminum frames, side jambs, head jambs, sash, division and corner bars. Familiarization with plans and specifications establishing lines and levels, setting anchors, assembling and installing curtain wall components, levelling, aligning, securing, and installing adapters, flashing and sealants.</p> <p>Knowledge of ordinary hand tools.</p> <p>Knowledge of the care and use of resin base, silicon base, polysulphide base, mastic base and polybutane base sealants.</p> <p>Knowledge of the safety regulations and procedures for the performance of ornamental iron and curtain wall work.</p>

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Instruction To Be Given
7	Welding and Burning Equipment	Electric Arc Welding	Knowledge of the care and use of electrodes, AC & DC welding machines, cables and allied equipment. Fundamentals of manual welding of carbon and alloy steels, including proper fit-up, distortion control and cause and control of weld defects. Purpose and techniques for preheating, post heating and stress relieving.
		Cutting and Burning	Knowledge and use of oxy-acetylene equipment, both hand and machine, for flame cutting steel, and piercing. Knowledge and use of carbon-arc equipment for removing steel, making weld grooves and cutting steel.
		Safety	Knowledge of first aid treatment for arc burns to eyes and body, and electric shock. Importance of protective equipment and clothing. Hazards of working on or in vessels or tanks or confined areas.

O. Reg. 171 /73, Sched. 1.

Schedule 2

IRONWORKER

Work Experience Training

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
1	Structural Ironwork and Rigging		Total Hours 2652
		Layout and Lines	Transferring lines and grades to structure. Laying out structural steel.
		Selection and use of Hand Tools (Non-Cutting Tools)	Wrenches, hammers, pins, clamps, leverage tools, air hose clamps, punches.
		(Cutting Tools)	Cold chisels, handsaws, files, snips, axes, adze, wood boring, wood chisels, flame cutting, carbon arc cutting.
		(Portable Air Tools)	Impact wrenches, drills and reamers, hammers, grinders and brushes, timber saws, rivet passers.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		(Portable Electric Tools)	Drills, grinders, impact wrenches, ventilating equipment, lumber saws.
		(Miscellaneous)	High mechanical advantage machines, forges, heating torches.
		Rope and Tackle	Selecting rope, installing rope, selecting sheave blocks, installing sheave blocks, installing high line.
		Scaffolds and Falsework	Selecting a hanging scaffold. Hanging a scaffold. Maintaining hanging scaffolds. Selecting a rigid scaffold or walkway, installing and maintaining rigid scaffold or walkway.
		Ladders and Stairways	Selection, erecting, maintaining.
		Barricades and Security	<i>The Construction Safety Act</i> , Maintaining security. Personal safety equipment.
		Falsework	Erection. Releasing.
		Timberwork	Slings and handling timber structures.
		Erection Equipment (Cranes)	Types of and usage. Loading, moving and receiving. Setting up. Lifting with cranes. Maintenance.
		(Derricks)	Types of and usage. Loading. Erecting. Lifting and maintenance.
		(Hoists and Winches)	Types and usage. Installation. Operation.
		(Jacks)	Types and usage. Setting up. Operating. Maintenance.
		(Heavy Moving Equipment)	Types, characteristics and purpose. Using.
		(Other Erection Equipment)	Types and usage.
		Erection Techniques (Evaluating Structures)	Types and characteristics.
		(Shipping and Handling)	Loading and unloading structural steel and plate, and precast concrete.
		(Slings and Hooking-on)	Methods and procedures.
		(Connecting)	Methods and procedures.
		(Field Fabrication)	Methods and procedures.



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		(Plumbing and Alignment)  Fastening Techniques (Welding)  (Bolting)  (Rivetting)  (Heavy Structural Pins)  Inspection and Testing (Weldments)  (Bolts)  (Rivets)  Safety Procedures	Methods and procedures for columns, spandrels, girts and elevator shafts.  Types of electrodes. Equipment. Methods and procedures.  Types of bolts. Usage of bolting equipment. Methods and procedures.  Types of rivets. Usage of rivetting equipment. Methods and procedures.  Installation.  Inspection methods and procedures.  Methods and procedures.  Methods and procedures.  Knowledge of <i>The Construction Safety Act</i> , and all safe practices of the trade.
2	Concrete Reinforcing	Drawings and Codes  Types of Reinforced Concrete Construction  Application of Steel to Individual Members  Reinforcing Bar Fabrication  Application of Welded Wire Fabric	Total Hours 872  Types of plans, placing plans, sections, schedules, Concrete Reinforcing Steel Institute recommended practices and Canadian Standards Association A23-1960 standards, trade terminology, applicable reference tables and coding.  What is reinforced concrete—buildings, arches, shells, domes, bridges, bins and tanks—prestressed concrete, distinctive structure—reinforced concrete theory. Slip forming for continuous pour.  Slabs, beams, joists, spandrel beams, columns, piers, footings, foundation mats, grade beams, sheet piling, bearing piles, caissons, retaining walls, cantilever slabs, cantilever beams, precast plank, slabs with hollow cores, double tees, stringers, abutments, wing wall single tees, tilt up slabs and fascia panels.  Grades of steel, deformed or plain bars, standard and special sizes, bar lengths and bending; power and hand shears and benders, oxyacetylene equipment, bundling and tagging, bar markings and tolerances.  Common style, laps and placing temperature reinforcement, main reinforcement of solid slabs, slabs on ground.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		Placing Bars in Structures	Receiving, checking, sorting preassembled units, handling by hand or power, placing according to approved shop drawings, bar supports and spacers, lappings, and splicing, tying and welding, repairs, permissible variations, mill scale removal, placement in individual members and structures, laying of pans and post tensioning of concrete.
		Care and use of Tools and equipment	Chokers, slings, hoist signals, scales, and tapes, pliers, wire reel, bolt cutter, power shears, bar benders, hickey, oxyacetylene burning and welding equipment, arc welding equipment.
		Inspection	General, check lists.
		Safety Requirements	Knowledge of <i>The Construction Safety Act</i> , and all safe practices of the trade.
		Welding	Arc and processes other than arc welding for making joints in reinforcing steel.
3	Curtain Wall	Layout and Lines	Total Hours 1070 Measuring job prior to starting work; establishing centres, checking masonry opening, use of plumb lines, dumpy level and transit level.
		Handling Materials	Importance of special care of finished products such as fabricated aluminum and stainless steel. Methods of onsite storage of curtain wall materials and selection of storage areas.
		Hoisting Materials	Hoists and tuggers, use of slings, chokers, spreaders, hoisting materials, palletized materials, pre-assembled frames.
		Assembling on the Site	Planning the work, methods to be used, tool and equipment requirements, use of simple electric tools, drills, screw guns and application of sealants to joinery, working from shop drawings and auxiliary part lists or bills of materials, recognition of commonly used screws by size and type, recognition of fabrication errors or omitted operations by reference to shop drawings, corrective re-fabrication, knowledge of sizes of drill bits, taps and use of rivetting tools knowledge of application of neoprene and poly-vinyl chloride glazing and thermal separator strips. Distribution of assembled sections ready for erection.
		Loose connection of Curtain Wall Sections or Components	Erection by "stick" system, vertical mullions, horizontals spigotted in place. Erection of frame or panel system.
		Line-up and Weld	Aligning and plumbing wall to previously established lines and centres. Bolting and shimming to suit. Freezing of anchors by welding. Use of level and transit.

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		<p>Alternate Anchoring Systems</p> <p>Application of Insulations</p> <p>Application of Interior Forms</p> <p>Installation of Sash into Curtain Wall</p> <p>Swing Stage Work (Manual and Electric)</p> <p>Use of Caulking and Sealants</p> <p>Installation of Formed Materials</p> <p>Application of Protective Coatings and Paper</p> <p>Installation of Doors, Entrances and Louvres</p> <p>Installation of Punched Opening Frames and Sash</p> <p>Installation of Operating Sash</p> <p>Paperwork</p> <p>Built-up Stages</p>	<p>Inserts in concrete, masonry drilling, use of power-actuated tools.</p> <p>Perimeter, floor slab, spandrel pan and insulation, types of insulations and adhesives used.</p> <p>Formed shapes, gutters, use of painted or porcelain enamel trims.</p> <p>Hopper type centre pivotted, double hung.</p> <p>How to erect and safety requirements for handling materials when working on a stage, application of spandrel panels, exterior mullions or trims. Rigging power tools for stage work. Moving swing stages. Exterior caulking from a swing stage.</p> <p>Knowledge of application method and limitations, use of hand caulking tools and air tools.</p> <p>Field fitting of copings and soffits.</p> <p>When is protection necessary? Precautions to be taken, removal procedures.</p> <p>Methods of frame erection, butt, centre pivotted and off-set pivot doors, overhead closers, floor closers, automatic closers, glazing procedures for doors.</p> <p>Checking opening, levelling and plumbing to ensure optimum operation of sash.</p> <p>Single and double hung sash. Side hinged, bottom hinged and top projected out casements. Centre pivotted sash.</p> <p>Practical reading of architectural and shop drawings, understanding of architectural specifications, co-ordination of shop drawings, making reports in writing from out of town locations.</p> <p>Erection Methods.</p>



ITEM	COLUMN 1	COLUMN 2	COLUMN 3
	Course	Subject	Work Experience Training
		Safety Procedures	Knowledge of <i>The Construction Safety Act</i> , and all safe practices of the trade.
		Auxiliary Knowledge	Care and cleaning of aluminum and stainless steel; anodizing, extruding of aluminum; first aid.
4	Ornamental and Miscellaneous Ironwork	<p>Drawings</p> <p>Layout and Lines</p> <p>Hoisting Materials</p> <p>Assembly and Installation</p> <p>Care and Clean-up of Stainless Steel and Non-Ferrous Materials</p> <p>Safety Requirements</p>	<p>Total Hours 770</p> <p>Reading and understanding of shop drawings. Ability to co-ordinate product placement from shop and architectural drawings.</p> <p>Checking masonry and concrete openings, establishing column centres, wall relations, and floor heights, use of plumb lines and levels.</p> <p>Use of hoists and tuggers, use of rope and tackle, slings.</p> <p>Assembling and installing by bolting and welding; standard stairs and fire escapes, spiral stairs, steel handrails, stainless steel, bronze and aluminum handrails, ladders and cages, catwalk framing, plate and grating flooring, collapsible gates, wire screens and grilles, wire partitions, fences and gates, flagpoles, mail chutes, ferrous and non-ferrous building fascias and panelling, canopies, doors, entrances and louvres related products,</p> <p>Use of abrasive and buffing equipment and materials.</p> <p>Knowledge of <i>The Construction Safety Act</i>, and all safe practices of the trade.</p>

O. Reg. 171/73, Sched. 2.

**THE ONTARIO ENERGY BOARD ACT****O. Reg. 172/73.**

General.

Made—March 28th, 1973.

Filed—March 29th, 1973.

REGULATION MADE UNDER  
THE ONTARIO ENERGY BOARD ACT

1. Regulation 626 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

5a. The Central Pipeline Company, Limited, is exempted from the operation of or compliance with clause a of subsection 1 of section 26 of the Act in respect of the disposition of its entire gas distribution system to The Medina Natural Gas Company, Limited. O. Reg. 172/73, s. 1.

(5212)

**THE MILK ACT.****O. Reg. 173/73.**

Industrial Milk—Marketing.

Made—March 28th, 1973.

Filed—March 29th, 1973.

**REGULATION MADE UNDER  
THE MILK ACT**

- 1.—(1) Subsection 7 of section 13 of Regulation 593 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 482/72, is revoked and the following substituted therefor:

(7) The minimum prices that apply under subsections 1, 2, 3, 3a, 4, 4a, 5 and 6 shall be increased or decreased at the rate of 8½ cents for each one-tenth of 1 per cent above or below the test of 3.5 per cent milk-fat in each 100 pounds of milk. O. Reg. 173/73, s. 1 (1).

- (2) Subsection 8 of the said section 13 is revoked.

2. This Regulation comes into force on the 1st day of April, 1973.

THE ONTARIO MILK MARKETING BOARD:

G. R. McLAUGHLIN  
*Chairman*

H. PARKER  
*Secretary*

Dated at Toronto, this 28th day of March, 1973.

(5213) 15

**THE MILK ACT****O. Reg. 174/73.**

Grade A Milk—Marketing.

Made—March 28th, 1973.

Filed—March 29th, 1973.

**REGULATION MADE UNDER  
THE MILK ACT**

- 1.—(1) Subsection 1 of section 16 of Regulation 591 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 1 of Ontario Regulation 598/72, is revoked and the following substituted therefor:

(1) All Class 1 milk supplied to a processor in those parts of Ontario comprising the Northern Ontario Pool, the Northwestern Ontario Pool and

the Thunder Bay Pool shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$8.47 per 100 pounds for milk testing 3.5 per cent milk-fat. O. Reg. 174/73, s. 1 (1).

- (2) Subsection 2 of the said section 16, as remade by subsection 2 of section 1 of Ontario Regulation 598/72, is revoked and the following substituted therefor:

(2) All Class 1 milk supplied to a processor in those parts of Ontario comprising the Southern Ontario Pool shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$7.90 per 100 pounds for milk testing 3.5 per cent milk-fat. O. Reg. 174/73, s. 1 (2).

- (3) Subsection 3 of the said section 16, as remade by subsection 3 of section 1 of Ontario Regulation 598/72, is revoked and the following substituted therefor:

(3) All Class 2 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$7.46 per 100 pounds for milk testing 3.5 per cent milk-fat. O. Reg. 174/73, s. 1 (3).

- (4) Subsection 8 of the said section 16, as remade by subsection 1 of section 1 of Ontario Regulation 481/72, is revoked and the following substituted therefor:

(8) The minimum prices that apply under subsections 1, 2, 3, 4, 5, 5a, 5b, 6, 6a, 7 and 9 shall be increased or decreased at the rate of 8½ cents for each one-tenth of 1 per cent above or below the test of 3.5 per cent milk-fat in each 100 pounds of milk. O. Reg. 174/73, s. 1 (4).

- (5) Subsection 10 of the said section 16, as remade by subsection 2 of section 1 of Ontario Regulation 481/72, is revoked.

2. This Regulation comes into force on the 1st day of April, 1973.

THE ONTARIO MILK MARKETING BOARD:

G. R. McLAUGHLIN  
*Chairman*

H. PARKER  
*Secretary*

Dated at Toronto, this 28th day of March, 1973.

(5214)

15

### THE MILK ACT

#### O. Reg. 175/73.

Reconstituted Milk—General.

Made—March 27th, 1973.

Approved—March 28th, 1973.

Filed—March 29th, 1973.

### REGULATION MADE UNDER THE MILK ACT

1. Clause *b* of section 6 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the sixth line and inserting in lieu thereof "Director".
- 2.—(1) Clause *b* of subsection 1 of section 7 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
- (2) Subsection 2 of the said section 7 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
3. Subsection 2 of section 8 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
- 4.—(1) Clause *b* of subsection 2 of section 10 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- (2) Subsection 3 of the said section 10 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".
- (3) Clause *b* of subsection 4 of the said section 10 is amended by striking out "Commission" in the second and third lines and inserting in lieu thereof "Director".
5. Section 11 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and in the fifth line and inserting in lieu thereof in each instance "Director".
- 6.—(1) Subsection 1 of section 12 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the fifteenth line and inserting in lieu thereof "Director".
- (2) Subsection 2 of the said section 12 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".

7. Form 1 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".

8. Form 2 of Regulation 602 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch" and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.

9. This Regulation comes into force on the 1st day of April, 1973.

### THE MILK COMMISSION OF ONTARIO:

K. A. McEWEN  
*Chairman*

J. F. JEWSON  
*Secretary*

Dated at Toronto, this 27th day of March, 1973.

(5215)

15

### THE MILK ACT

#### O. Reg. 176/73.

Milk Products.

Made—March 27th, 1973.

Approved—March 28th, 1973.

Filed—March 29th, 1973.

### REGULATION MADE UNDER THE MILK ACT

- 1.—(1) Section 6 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- (2) Clause *c* of the said section 6 is amended by inserting after "Commission" in the fifth line "Director".
- (3) Clause *d* of the said section 6 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- (4) Clause *e* of the said section 6 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".



- 2.—(1) Clause *d* of subsection 1 of section 8 of Regulation 600 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 2 of Ontario Regulation 120/72, is amended by striking out "Commission" in the fourth line and in the twentieth line and inserting in lieu thereof in each instance "Director".
- (2) Clause *e* of the said section 8 is amended by inserting after "Commission" in the fourth line "Director".
- (3) Subsection 2 of the said section 8 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- 3.—(1) Clause *d* of subsection 1 of section 9 of Regulation 600 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 120/72, is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
- (2) Clause *d* of subsection 2 of the said section 9, as remade by section 3 of Ontario Regulation 120/72, is amended by striking out "Commission" in the first and second lines and inserting in lieu thereof "Director".
4. Section 10 of Regulation 600 of Revised Regulations of Ontario, 1970, as remade by section 4 of Ontario Regulation 120/72, is amended by striking out "Commission" in the twelfth line and inserting in lieu thereof "Director".
- 5.—(1) Subsection 1 of section 11 of Regulation 600 of Revised Regulations of Ontario, 1970, as amended by subsection 1 of section 5 of Ontario Regulation 120/72, is further amended by striking out "Commission" in the first line, in the fifth line, in the sixth line and in the seventh line and inserting in lieu thereof in each instance "Director".
- (2) Subsection 2 of the said section 11, as amended by subsection 2 of section 5 of Ontario Regulation 120/72, is further amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- 6.—(1) Subsection 1 of section 12 of Regulation 600 of Revised Regulations of Ontario, 1970, as amended by subsection 1 of section 6 of Ontario Regulation 120/72, is further amended by striking out "Commission" in the first line and in the seventh line and inserting in lieu thereof in each instance "Director".
- (2) Subsection 2 of the said section 12, as amended by subsection 2 of section 6 of Ontario Regulation 120/72, is further amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
- (3) Subsection 3 of the said section 12, as amended by subsection 3 of section 6 of Ontario Regulation 120/72, is further amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".
7. Subsection 7 of section 22 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".
- 8.—(1) Subsection 1 of section 24 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".
- (2) Subsection 2 of the said section 24 is amended by striking out "Commission" in the fourth line and inserting in lieu thereof "Director".
9. Section 25 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the fourth line and inserting in lieu thereof "Director".
10. Section 27 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and in the third and fourth lines and inserting in lieu thereof in each instance "Director".
11. Clause *a* of section 28 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
12. Section 29 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
13. Subclause *i* of clause *a* of section 32 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the sixth line and inserting in lieu thereof "Director".
14. Subsection 2 of section 39 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
15. Subclause *i* of clause *a* of section 42 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Board" in the sixth line and inserting in lieu thereof "Director".

16. Subsection 2 of section 50 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
- 17.—(1) Subsection 2 of section 65 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
  - (2) Clause *a* of subsection 3 of the said section 65 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".
18. Section 109 of Regulation 600 of Revised Regulations of Ontario, 1970, is amended by striking out "Commission" in the second line and in the fifth line and inserting in lieu thereof in each instance "Director".
- 19.—(1) Subsection 1 of section 110 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".
  - (2) Subsection 3 of the said section 110 is amended by inserting after "Commission" in the third line and in the fourth line "or Director" in each instance.
  - (3) Subsection 4 of the said section 110 is amended by inserting after "Commission" in the second line and in the third line "or Director" in each instance.
20. Form 1 of Regulation 600 of Revised Regulations of Ontario, 1970, as amended by section 22 of Ontario Regulation 120/72, is further amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".
21. Form 2 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.
22. Form 3 of Regulation 600 of Revised Regulations of Ontario, 1970, as amended by section 23 of Ontario Regulation 120/72, is further amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".
23. Form 4 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.
24. Forms 6 and 7 of Regulation 600 of Revised Regulations of Ontario, 1970 are amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof in each instance "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".
25. Forms 8, 9, 10, 11, 12 and 13 of Regulation 600 of Revised Regulations of Ontario, 1970 are amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof in each instance "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.
26. Form 14 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".
27. Forms 15, 16, 17 and 18 of Regulation 600 of Revised Regulations of Ontario, 1970 are amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof in each instance "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.
28. Form 19 of Regulation 600 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".
29. Forms 20, 21, 22, 23 and 24 of Regulation 600 of Revised Regulations of Ontario, 1970 are amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof in each instance "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.



30. This Regulation comes into force on the 1st day of April, 1973.

THE MILK COMMISSION OF ONTARIO:

K. A. McEWEN,  
*Chairman*

J. F. JEWSON  
*Secretary*

Dated at Toronto, this 27th day of March, 1973.

(5216)

15

THE MILK ACT

O. Reg. 177/73.

Grade A Milk—General.

Made—March 27th, 1973.

Approved—March 28th, 1973.

Filed—March 29th, 1973.

REGULATION MADE UNDER  
THE MILK ACT

1. Subsection 5 of section 50 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the fourth line and inserting in lieu thereof "Director".

2.—(1) Section 52 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

(2) Clause *c* of the said section 52 is amended by inserting after "Commission" in the fourth line "Director".

(3) Clause *d* of the said section 52 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

(4) Clause *e* of the said section 52 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

(5) Clause *f* of the said section 52 is amended by striking out "Commission" in the eighth line and inserting in lieu thereof "Director".

(6) Clause *g* of the said section 52 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

(7) Clause *h* of the said section 52 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

3.—(1) Clause *a* of subsection 1 of section 53 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by inserting after "Commission" in the fourth line "Director".

(2) Clause *b* of subsection 1 of the said section 53 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

(3) Clause *c* of subsection 1 of the said section 53 is amended by striking out "Commission" in the ninth line and inserting in lieu thereof "Director".

(4) Subsection 2 of the said section 53 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

4. Section 57 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".

5. Subsection 1 of section 58 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".

6. Section 59 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the sixth line and inserting in lieu thereof "Director".

7.—(1) Subsection 1 of section 60 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line, in the fifth line, in the sixth line and in the seventh line and inserting in lieu thereof in each instance "Director".

(2) Subsection 2 of the said section 60 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

8.—(1) Subsection 1 of section 61 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and in the seventh line and inserting in lieu thereof in each instance "Director".

(2) Subsection 2 of the said section 61 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".

(3) Subsection 3 of the said section 61 is amended by striking out "Commission" in the third line, in the fourth and fifth lines and in the seventh line and inserting in lieu thereof in each instance "Director".

9.—(1) Subsection 1 of section 76 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".



(2) Clause *a* of subsection 2 of the said section 76 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

10.—(1) Subsection 1 of section 84 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the second line and inserting in lieu thereof "Director".

(2) Subsection 3 of the said section 84 is amended by striking out "Commission" in the eighth line and inserting in lieu thereof "Director".

(3) Subsection 4 of the said section 84 is amended by inserting after "Commission" in the third line and in the fourth line "or Director" in each instance.

(4) Subsection 5 of the said section 84 is amended by inserting after "Commission" in the second line and in the third line "or Director" in each instance.

11. Section 96 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the first line and inserting in lieu thereof "Director".

12.—(1) Subsection 2 of section 97 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "Commission" in the third line and inserting in lieu thereof "Director".

(2) Subsection 4 of the said section 97 is amended by striking out "Commission" in each instance where it occurs in the third line and inserting in lieu thereof in each instance "Director".

13. Form 1 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".

14. Form 2 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch", and by striking out "(signature of Chairman)" where it occurs, and by striking out "(signature of Secretary)" where it occurs.

15. Form 3 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch", and by striking out "Chairman" where it occurs, and by striking out "Secretary" where it occurs.

16. Form 4 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk

Industry Branch", and by striking out "(signature of Chairman)" where it occurs, and by striking out "(signature of Secretary)" where it occurs.

17. Form 5 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "Director of The Milk Industry Branch", and by striking out "(signature of Chairman)" where it occurs and by striking out "(signature of Secretary)" where it occurs.

18. Form 6 of Regulation 590 of Revised Regulations of Ontario, 1970 is amended by striking out "The Milk Commission of Ontario" where it occurs and inserting in lieu thereof "The Director of The Milk Industry Branch of the Ministry of Agriculture and Food".

19. This Regulation comes into force on the 1st day of April, 1973.

THE MILK COMMISSION OF ONTARIO:

K. A. McEWEN  
*Chairman*

J. F. JEWSON  
*Secretary*

Dated at Toronto, this 27th day of March, 1973.

(5217)

15

## THE MILK ACT

### O. Reg. 178/73.

Milk Products.

Made—March 27th, 1973.

Approved—March 28th, 1973.

Filed—March 29th, 1973.

## REGULATION MADE UNDER THE MILK ACT

1. Clause *b* of subsection 2 of section 74 of Regulation 600 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 329/72, is revoked and the following substituted therefor:

(b) a fee of 66 cents shall be paid to the Treasurer of Ontario, as follows:

1. 33 cents by The Ontario Milk Marketing Board.

2. 33 cents by the operator of the plant to which the milk was delivered.

2. This regulation comes into force on the 1st day of April, 1973.

THE MILK COMMISSION OF ONTARIO:

K. A. McEWEN  
*Chairman*

J. F. JEWSON  
*Secretary*

Dated at Toronto, this 27th day of March, 1973.

(5218)

15

THE MILK ACT

O. Reg. 179/73.

Grade A Milk—General.

Made—March 27th, 1973.

Approved—March 28th, 1973.

Filed—March 29th, 1973.

REGULATION MADE UNDER  
THE MILK ACT

1. Clause *b* of subsection 2 of section 79 of Regulation 590 of Revised Regulations of Ontario, 1973, as remade by section 3 of Ontario Regulation 328/72, is revoked and the following substituted therefor:

- (*b*) a fee of 66 cents shall be paid to the Treasurer of Ontario, as follows:

1. 33 cents by The Ontario Milk Marketing Board.
2. 33 cents by the operator of the plant to which the grade A milk was delivered.

2. This Regulation comes into force on the 1st day of April, 1973.

THE MILK COMMISSION OF ONTARIO:

K. A. McEWEN  
*Chairman*

J. F. JEWSON  
*Secretary*

Dated at Toronto, this 27th day of March, 1973.

(5219)

15

THE FARM PRODUCTS MARKETING  
ACT

O. Reg. 180/73.

Turkeys—Plan.

Made—March 28th, 1973.

Filed—March 29th, 1973.

REGULATION MADE UNDER  
THE FARM PRODUCTS MARKETING ACT

1. The Schedule to Regulation 342 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

12.—(1) Notwithstanding subsection 1 of section 10, for the year 1973 the date by which the election of representatives to District Turkey Producers' Committees and the election of a representative from each district to the local board shall take place is extended to,

(*a*) the 30th day of June, 1973; or

(*b*) such earlier date as the Board may by order, on ten days' notice to the local board, determine,

and the persons elected in such elections shall hold office from such extended date until the 31st day of March, 1974.

(2) Subsections 2 and 3 of section 10 and section 11 apply *mutatis mutandis* to elections under subsection 1.

(3) The members of the local board as of the 31st day of March, 1973 shall continue to hold office until their successors are elected or appointed. O. Reg. 180/73, s. 1.

(5220)

15

THE THEATRES ACT

O. Reg. 181/73.

General.

Made—March 28th, 1973.

Filed—March 30th, 1973.

REGULATION MADE UNDER  
THE THEATRES ACT

1. Paragraph 10 of section 59 of Regulation 811 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 586/72, is revoked and the following substituted therefor:



## 10. For censoring standard film,

- (a) subject to clause *c*, for each reel of a film subject of British origin, 40 cents per 100 feet or fraction thereof;
- (b) subject to clause *c*, for each reel of a film subject of foreign origin, 80 cents per 100 feet or fraction thereof;
- (c) notwithstanding clauses *a* and *b*, for every copy in addition to the eighth copy of a standard film subject of British or foreign origin, regardless of length, \$5 per copy;
- (d) for each newsreel, \$1;
- (e) for each trailer of British or foreign origin, 100 feet or less in length, \$1;
- (f) for each trailer of British origin, over 100 feet in length, \$1;
- (g) for each trailer of foreign origin, over 100 feet in length, \$2.

(5221)

15

## THE LAND TITLES ACT

## O. Reg. 182/73.

Code of Standards and Procedures for Surveys and Plans.

Made—March 28th, 1973.

Filed—March 30th, 1973.

REGULATION MADE UNDER  
THE LAND TITLES ACT

1. Clause *b* of section 1 of Regulation 552 of Revised Regulations of Ontario, 1970 is revoked.
2. Section 7 of Regulation 552 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

7.—(1) Subject to subsection 2, before presenting a plan for approval, a surveyor shall submit to the examiner of surveys or an assistant examiner of surveys,

- (a) two paper prints thereof;
- (b) a copy of any adjacent or underlying plan; and
- (c) a complete and up to date title search certified by him or a land registrar.

(2) Where a plan is a plan of subdivision, the surveyor shall, in addition to the information required under subsection 1, submit to the examiner of surveys or an assistant examiner of surveys, closure sheets or a computer output with respect to each subdivision unit identified thereon, certified by him as having been prepared from the final ink drawing of the plan being presented for approval. O. Reg. 182/73, s. 1.

(5222)

15

## THE MILK ACT

## O. Reg. 183/73.

Grade A Milk—Marketing.

Made—March 30th, 1973.

Filed—March 30th, 1973.

REGULATION MADE UNDER  
THE MILK ACT

- 1.—(1) Subsection 4 of section 16 of Regulation 591 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 333/72, is revoked and the following substituted therefor:

(4) All Class 3 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.30 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (1).

- (2) Subsection 5 of the said section 16, as remade by subsection 2 of section 1 of Ontario Regulation 159/72, is revoked and the following substituted therefor:

(5) All Class 4 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.15 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (2).

- (3) Subsection 5a of the said section 16, as remade by subsection 3 of section 1 of Ontario Regulation 159/72, is revoked and the following substituted therefor:

(5a) All Class 4a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$4.93 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (3).

- (4) Subsection 6 of the said section 16, as remade by subsection 4 of section 1 of Ontario Regulation 159/72, is revoked and the following substituted therefor:



(6) All Class 5 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.00 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (4).

(5) Subsection 6a of the said section 16, as remade by subsection 4 of section 1 of Ontario Regulation 444/72, is revoked and the following substituted therefor:

(6a) All Class 5a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$4.93 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (5).

(6) Subsection 7 of the said section 16, as remade by subsection 6 of section 1 of Ontario Regulation 159/72, is revoked and the following substituted therefor:

(7) All Class 6 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.00 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 183/73, s. 1 (3).

2. This Regulation comes into force on the first day of April, 1973.

#### THE ONTARIO MILK MARKETING BOARD:

KENNETH G. MCKINNON  
*Vice-Chairman*  
H. PARKER  
*Secretary*

Dated at Toronto, this 30th day of March, 1973.

(5223)

15

#### THE MILK ACT

##### O. Reg. 184/73.

Industrial Milk—Marketing.

Made—March 30th, 1973.

Filed—March 30th, 1973.

#### REGULATION MADE UNDER THE MILK ACT

1.—(1) Subsection 1 of section 13 of Regulation 593 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 332/72, is revoked and the following substituted therefor:

(1) All Class 3 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.30 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (1).

(2) Subsection 2 of the said section 13, as remade by subsection 2 of section 1 of Ontario Regulation 158/72, is revoked and the following substituted therefor:

(2) All Class 4 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.15 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (2).

(3) Subsection 3 of the said section 13, as remade by subsection 3 of section 1 of Ontario Regulation 158/72, is revoked and the following substituted therefor:

(3) All Class 4a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$4.93 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (3).

(4) Subsection 4 of the said section 13, as remade by subsection 4 of section 1 of Ontario Regulation 158/72, is revoked and the following substituted therefor:

(4) All Class 5 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.00 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (4).

(5) Subsection 4a of the said section 13, as remade by subsection 2 of section 1 of Ontario Regulation 270/72, is revoked and the following substituted therefor:

(4a) All Class 5a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$4.93 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (5).

(6) Subsection 5 of the said section 13, as remade by subsection 6 of section 1 of Ontario Regulation 158/72, is revoked and the following substituted therefor:

(5) All Class 6 milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of

\$5.00 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 184/73, s. 1 (5).

2. This Regulation comes into force on the first day of April, 1973.

THE ONTARIO MILK MARKETING BOARD:

KENNETH G. MCKINNON  
*Vice-Chairman*  
H. PARKER  
*Secretary*

Dated at Toronto, this 30th day of March, 1973.

(5224)

15

THE CHARITABLE INSTITUTIONS ACT

O. Reg. 185/73.

General.

Made—March 28th, 1973.

Filed—March 30th, 1973.

REGULATION MADE UNDER  
THE CHARITABLE INSTITUTIONS ACT

- 1.—(1) Item 19b of Schedule 1 to Regulation 85 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 181/72, is revoked and the following substituted therefor:

19b. Crisis Centre North Bay

19c. The Elizabeth Fry Society of Ottawa

- (2) The said Schedule 1 is further amended by adding thereto the following item:

70a. Serenity House Inc.

2. Schedule 2 to Regulation 85 of Revised Regulations of Ontario, 1970, as remade by section 12 of Ontario Regulation 113/73, is amended by adding thereto the following item:

13. Serenity House, 39 Cathcart Street, Ottawa

3. Items 20 and 65 of Schedule 3 to Regulation 85 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

20. Fairview Mennonite Home, 799 Concession Road, Cambridge

65. The Salvation Army Eventide Home, 255 St. Andrews Street, Cambridge

4. Schedule 6 to Regulations 85 of Revised Regulations of Ontario, 1970, as made by section 15 of Ontario Regulation 113/73, is amended by adding thereto the following item:

4a. Crisis Centre North Bay, 1750 Ferguson Avenue, North Bay

(5225)

15

THE GENERAL WELFARE ASSISTANCE  
ACT

O. Reg. 186/73.

General.

Made—March 28th, 1973.

Filed—March 30th, 1973.

REGULATION MADE UNDER  
THE GENERAL WELFARE ASSISTANCE ACT

1. Clause 1 of subsection 1 of section 1 of Regulation 383 of Revised Regulations of Ontario, 1970 is revoked.

2. Subsection 1 of section 10 of Regulation 383 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 338/72, is revoked and the following substituted therefor:

(1) Subject to subsection 3 and sections 3, 4 and 5, general assistance shall be paid to or on behalf of any single person or head of a family who is a person in need and who is not a patient or resident in a hospital or institution other than a nursing home or hostel,

(a) by a municipality where the person resides within the municipality;

(b) by the council of an approved band where the person,

(i) is a member of the band, and

(ii) resides on the reserve of the band; and

(c) by the Province of Ontario where the person resides in territory without municipal organization,

in the amounts, subject to subsection 2, to be determined by the welfare administrator, by which the recipient's budgetary requirements determined in accordance with section 11 exceed his income determined in accordance with section 12 but, except for a resident in a nursing home, not exceeding a maximum amount of \$345 in any month or a maximum amount of \$79.60 in any week, to a recipient with three dependants or less, and where there are more than three dependants, these



maximum amounts shall be increased by a further \$15 in any month or \$3.45 in any week, as the case may be, for each dependant in excess of three. O. Reg. 186/73, s. 2.

3.—(1) Paragraphs 1, 2 and 3 of subsection 2 of section 11 of Regulation 383 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

1. Subject to paragraphs 2 and 3, for ordinary needs, in the amount determined in accordance with the Schedule.
2. Where a physician certifies that an applicant or recipient or any dependant of an applicant or recipient,

(a) is pregnant;

(b) requires a gastric-type diet; or

(c) requires a diabetic diet,

and recommends any supplement to or increase in the budgetary requirements for food, the amount for ordinary needs determined in accordance with the Schedule may be increased for a diet in Column 1 by an amount up to the maximum set opposite thereto in columns 2 or 3 of the following Table:

TABLE

INCREASES IN SCHEDULE FOR SPECIAL DIETS

Item	COLUMN 1	COLUMN 2	COLUMN 3
	Diet	Weekly Increases	Monthly Increases
1	During the last 3 months of pregnancy	\$1.25	\$5.50
2	Gastric-type	\$1.25	\$5.50
3	Diabetic	\$2.75	\$12.00

3. Where a physician certifies that an applicant or recipient or the dependant of an applicant or recipient requires any type of special diet other than those referred to in paragraph 2 and signs a statement setting out in detail the special diet required, the amount for ordinary needs determined in accordance with the Schedule may be increased to compensate for any additional cost to provide the special diet.

(2) Paragraph 6 of subsection 2 of the said section 11, as amended by subsection 2 of section 2 of Ontario Regulation 100/71, is revoked and the following substituted therefor:

6. Subject to subsection 3 of section 12, for shelter,

(a) for a single person, the cost thereof up to a maximum of \$57 monthly; or

(b) for a head of a family,

(i) the cost thereof up to a maximum of \$110 monthly where his payment for shelter includes the cost of heating the dwelling place, or

(ii) the cost thereof up to a maximum of \$100 monthly where his payment for shelter does not include the cost of heating the dwelling place,

but where there is more than one dependant in the household the maximum amounts in subclauses i and ii of clause b shall be increased by \$5 for each additional dependant in excess of one, provided that no reduction in municipal taxes or rent made or received under *The Residential Property Tax Reduction Act, 1972* shall be taken into account in determining such cost.

4.—(1) Subsection 1 of section 14 of Regulation 383 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) Subject to sections 3, 4 and 5, special assistance may be paid or provided to or on behalf of a person in need,

(a) by a municipality where the person resides in the municipality;

(b) by the council of an approved band where the person resides on the reserve of the band; and

(c) by the Province of Ontario, where the person resides in territory without municipal organization,

in such amounts, subject to subsection 5, as shall be determined by the welfare administrator. O. Reg. 186/73, s. 4 (1).

(2) Paragraph 1 of subsection 3 of the said section 14 is revoked and the following substituted therefor:







7. Clause A "Budgetary Requirements" of item 1 of Part I of Form 5 of Regulation 383 of Revised Regulations of Ontario, 1970, as remade by section 6 of Ontario Regulation 338/72, is amended by striking out "Pre-added budget" in the first line and inserting in lieu thereof "Ordinary needs".

8. This Regulation comes into force on the 1st day of April, 1973.

(5226)

15

### THE FAMILY BENEFITS ACT

#### O. Reg. 187/73.

General.

Made—March 28th, 1973.

Filed—March 30th, 1973.

#### REGULATION MADE UNDER THE FAMILY BENEFITS ACT

1. Subsections 3 and 4 of section 1 of Regulation 287 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(3) For the purposes of the Act and this Regulation,

(a) "blind person" means a person with visual acuity in both eyes which with proper refractive lenses is 20/200 (6/60) or less with Snellen chart or equivalent, or a person having the greatest diameter of the field of vision in both eyes of less than twenty degrees, where the diameter of the field of vision is determined by the use of,

(i) a tangent screen at a distance of one meter using a ten millimeter white test object, or

(ii) a perimeter at a distance of one-third of a meter using a three millimeter white test object;

(b) "disabled person" means a person who has a major physical or mental impairment that is likely to continue for a prolonged period of time and who, as a result thereof, is severely limited in activities pertaining to normal living, as verified by objective medical findings accepted by the medical advisory board;

(c) "permanently unemployable person" means a person who is unable to engage

in remunerative employment for a prolonged period of time as verified by objective medical findings accepted by the medical advisory board; and

(d) "person in need" means a person,

(i) whose budgetary requirements determined under section 11 exceed his income determined under section 12, and

(ii) who is not otherwise made ineligible for a benefit under the Act or this Regulation. O. Reg. 187/73, s. 1.

2. Section 2 of Regulation 287 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 153/71 and Ontario Regulation 25/72, is revoked and the following substituted therefor:

2.—(1) The wife of a recipient of a pension under the *Old Age Security Act* (Canada),

(a) who is a person in need;

(b) who is not eligible for an allowance under subsection 1 of section 7 of the Act or under sections 2, 4 or 5 of this section or for a pension under the *Old Age Security Act* (Canada);

(c) who has attained the age of sixty years;

(d) who is living,

(i) with her husband,

(ii) apart from her husband where he is a patient in an institution under *The Mental Hospitals Act*, a sanatorium under *The Sanatoria for Consumptives Act*, a hospital for the chronically ill or a nursing home or a resident in a home for the aged under *The Homes for the Aged and Rest Homes Act*, or *The Charitable Institutions Act*, and has been a patient or resident therein, as the case may be, for a continuous period of six months or more, or

(iii) apart from her husband where he is imprisoned in a penal institution and at the date of application has a term of imprisonment remaining to be served of six months or more; and

(e) subject to section 5, who has liquid assets that together with those of her husband do not exceed \$1,500 in value,



is, subject to sections 3, 6, 7 and 8, eligible for an allowance calculated in accordance with section 10. O. Reg. 187/73, s. 2 (1), *part*.

(2) The wife of a recipient or of a former recipient of an allowance under the Act or a predecessor Act,

- (a) who is a person in need;
- (b) who is not eligible for an allowance under subsection 1 of section 7 of the Act or under any other subsection of this section;
- (c) who has,
  - (i) attained the age of sixty years, or
  - (ii) one or more dependent children;
- (d) who is a single person; and
- (e) subject to section 5, who has liquid assets that do not exceed \$1,000 in value, but where she has one or more dependent children, this amount shall be increased by \$200 for each dependent child,

is, subject to sections 3, 6, 7 and 8, eligible for an allowance calculated in accordance with section 10. O. Reg. 187/73, s. 2 (2), *part*.

(3) A child who, in the opinion of the Director, is impaired as a result of his natural mother's having used the drug known as thalidomide shall be deemed to be a person in need and shall be eligible for financial aid in such amounts as the Director may determine. O. Reg. 187/73, s. 2 (3), *part*.

(4) A person received and lodged as a resident within the meaning of *The Homes for Special Care Act* in a home for special care established, licensed or approved under that Act,

- (a) who is a person in need;
- (b) who is not eligible for an allowance under subsection 1 of section 7 of the Act or under subsection 1, 2 or 5 of this section; and
- (c) who has liquid assets not in excess of the amounts under section 4,

is, subject to sections 3, 6, 7 and 8, eligible for an allowance calculated in accordance with section 10. O. Reg. 187/73, s. 2 (4), *part*.

(5) A permanently unemployable person,

- (a) who is a person in need;
- (b) who has attained the age of eighteen years;

(c) who is not otherwise eligible for an allowance under subsection 1 of section 7 of the Act or under subsection 1, 2, or 4 of this subsection; and

(d) who has liquid assets not in excess of the amounts under section 4,

is, subject to sections 3, 6, 7 and 8, eligible for an allowance calculated in accordance with section 10. O. Reg. 187/73, s. 2 (5), *part*.

3. Section 5 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

5. Notwithstanding section 4 and subsections 1 and 2 of section 2, the Director may determine that a beneficiary with liquid assets having a value in excess of the maximum amount otherwise permitted to him under the regulations continues to be eligible for a benefit where the amount of the excess is not greater than 10 per cent of that maximum. O. Reg. 187/73, s. 3.

4. Clause *b* of section 6 of Regulation 287 of Revised Regulations of Ontario, 1970, as amended by section 2 of Ontario Regulation 73/71, is revoked and the following substituted therefor:

(b) who is an applicant or recipient under clause *b* or *d* of subsection 1 of section 7 of the Act or under subclause ii or iii of clause *d* of subsection 1 of section 2 of this Regulation and who is not living as a single person; or O. Reg. 187/73, s. 4.

5.—(1) Clause *b* of paragraph 9 of subsection 2 of section 11 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(b) is a disabled person or in cases approved by the Director a permanently unemployable person, a monthly amount equal to \$15, but where in the opinion of the Director the disabled person or permanently unemployable person requires the use of a wheelchair when travelling in the community, a monthly amount equal to \$30.

(2) Subsection 5 of the said section 11 is revoked and the following substituted therefor:

(5) In determining the monthly budgetary requirements under subsection 4 of a blind person, a permanently unemployable person or a disabled person residing in a charitable institution under *The Charitable Institutions Act*, who in the opinion of the Director requires financial aid in order to travel in the community, there shall be included, in addition to the amount determined under that subsection, an amount for transportation allowance not exceeding \$15 but where the resident is a

blind person or in the opinion of the Director requires a wheelchair for travelling in the community, the amount for a transportation allowance shall not exceed \$30. O. Reg. 187/73, s. 5 (2).

- 6.—(1) Clause *b* of subsection 2 of section 12 of Regulation 287 of Revised Regulations of Ontario, 1970 is amended by adding immediately after subclause *i* the following subclause:

(*ia*) a recipient of a pension under the *Old Age Security Act* (Canada) who was within the class of beneficiaries designated in subsection 1 of section 2 immediately prior to the remaking of that section by section 2 of Ontario Regulation 187/73.

- (2) Clause *c* of subsection 2 of section 12 of Regulation 287 of Revised Regulations of Ontario, 1970 is amended by adding immediately after subclause *i* the following subclause:

(*ia*) a recipient of a pension under the *Old Age Security Act* (Canada) who was within the class of beneficiaries designated in subsection 1 of section 2 immediately prior to the remaking of that section by section 2 of Ontario Regulation 187/73.

7. Subsection 4 of section 15 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(4) An application received under clause *c* or *e* of subsection 1 of section 7 of the Act or under subsection 5 of section 2 shall be accompanied by a report of a legally qualified medical practitioner in Form 4, but where the applicant is a blind person, the report shall be in Form 5. O. Reg. 187/73, s. 7.

8. Subsection 1 of section 16 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) A field worker shall ensure that the application is filled out and completed by or on behalf of the applicant and the applicant, subject to subsection 6 of section 15, shall sign the application in the presence of the field worker. O. Reg. 187/73, s. 8.

9. Clause *b* of subsection 3 of section 20 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(*b*) determine if the spouse of the applicant or recipient is a blind person, a disabled person or a permanently unemployable person for the purposes of paragraph 9 of subsection 2 of section 11.

10. Sections 21, 22 and 23 of Regulation 287 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

21. A beneficiary is entitled without cost to receive insured services in accordance with *The Health Insurance Act*, 1972 and the regulations thereunder. O. Reg. 187/73, s. 10, *part*.

22. Any beneficiary or class thereof may be entitled to dental services under any agreement in writing in force from time to time between the Crown in right of Ontario and The Ontario Dental Association. O. Reg. 187/73, s. 10, *part*.

11. Clause *b* of subsection 1 of section 25 of Regulation 287 of Revised Regulations of Ontario, 1970, as made by section 7 of Ontario Regulation 73/71, is revoked and the following substituted therefor:

(*b*) his budgetary requirement for shelter does not exceed the minimum amount to which he is entitled under paragraph 6 of subsection 2 of section 11 and he is receiving the maximum rate of allowance provided for under section 10.

- 12.—(1) Item 1 of Form 1 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. APPLICATION BY A—

PERSON WITH DEPENDENT

CHILD(REN) ☐ or who is:

- ☐ blind  
☐ otherwise disabled  
☐ a permanently unemployable person  
☐ a dependent father  
☐ a mother  
☐ a foster mother

SINGLE PERSON ☐ or

who is:

- ☐ blind  
☐ otherwise disabled  
☐ a permanently unemployable person  
☐ age 60-64  
☐ age 65 or more

MARRIED PERSON ☐

who is:

- ☐ blind  
☐ otherwise disabled  
☐ a permanently unemployable person  
☐ age 60-64  
☐ age 65 or more

(2) Item 14 of the said Form 1 is revoked and the following substituted therefor:

14. I certify that I have visited the applicant, that the benefits and the application form have been explained to the applicant and that I have witnessed the signing of this Form by the applicant or his Agent.

Date..... Field Worker's Signature..... Regional Office No.....

13. Form 4 of Regulation 287 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

## Form 4

## The Family Benefits Act

## MEDICAL REPORT AND CERTIFICATE IN RESPECT OF IMPAIRMENT

NAME OF PERSON EXAMINED.....

ADDRESS.....

SEX      Male ☐      Female ☐      DATE OF BIRTH.....  
  (day                 month                 year)

1. (a) COMPLAINTS AND HISTORY OF PRESENT IMPAIRMENT:

.....

.....

.....

.....

(b) DATE IMPAIRMENT COMMENCED: .....

2. EXAMINATION: (i) Mental Alertness..... (iv) Pulse.....  
(ii) Height..... (v) Blood Pressure.....  
(iii) Weight..... (vi) Other Findings.....

Urinalysis: .....

3. DIAGNOSIS: .....

5. PRESENT TREATMENT: .....

6. LIMITATIONS IMPOSED BY THE IMPAIRMENT: .....

.....

.....



7. With or without treatment would you expect sufficient recovery to take place in the mental or physical condition of this person at any time in the future to render this person employable?

Yes ☐ No ☐

8. DOES PERSON REQUIRE CARE IN A NURSING HOME? Yes ☐ No ☐

If 'Yes', probable length of time: .....

9. DOES PERSON REQUIRE THE SERVICES OF A REGISTERED NURSE?

Yes ☐ No ☐

(a) If 'Yes', Visits Recommended:

☐ Daily

(Indicate which) ☐ Number per Week.....

☐ Number per Month.....

(b) Visits required for a Period of.....Days; .....Weeks; .....Months.

10. DOES PERSON REQUIRE THE USE OF A WHEELCHAIR? Yes ☐ No ☐

11. RECOMMENDATIONS REGARDING SPECIAL DIETS: .....

12. OTHER RECOMMENDATIONS: .....

In your opinion would you consider this person to be:

(1) Medically employable..... ☐

(2) Temporarily unemployable for medical reasons but likely able to resume employment after:

less than six months... ☐

six months..... ☐

one year..... ☐

two years..... ☐

(3) Permanently unemployable for medical reasons and unlikely to be able to commence remunerative employment..... ☐

(4) Disabled to the extent that the person is severely limited in the activities pertaining to normal living such as self-care, communication, or motor activities, and this disability is likely to continue for a prolonged period of time..... ☐

CERTIFICATE OF DOCTOR

PLEASE PRINT

I, ....., am a legally qualified medical practitioner and have  
examined the above-named person at..... on.....  
and this report contains my findings and considered opinion at that time. (date)

..... (signature) ..... (date)  
..... (address)

O. Reg. 187/73, s. 13.

14. This Regulation comes into force on the 1st day of April, 1973.

The following are the names of the persons who have been elected to the office of member of the Entomological Society of America for the year 1955.

Dr. J. H. Spongberg, University of California, Davis, California.

Dr. W. H. Anderson, University of California, Davis, California.

Dr. J. H. Spongberg, University of California, Davis, California.

Dr. W. H. Anderson, University of California, Davis, California.

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Dr. W. H. Anderson, University of California, Davis, California.

Dr. J. H. Spongberg, University of California, Davis, California.



# Publications Under The Regulations Act

April 21st, 1973

## THE HOMES FOR SPECIAL CARE ACT

**O. Reg. 188/73.**

General.

Made—March 28th, 1973.

Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE HOMES FOR SPECIAL CARE ACT

1. Subsection 1 of section 41 of Regulation 438 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 219/72, is revoked and the following substituted therefor:

(1) Where a resident in an approved home, a licensed nursing home or licensed residential home is unable to pay for his care and maintenance, the Minister may pay to the Board of an approved home or the licensee of a licensed nursing or residential home the amount of \$12.50 for each day that a resident qualifies on medical grounds for and receives extended care in an extended care unit or the amount of \$11 for each day that the resident receives intermediate nursing care or the amount of \$6 where the resident does not require nursing care. O. Reg. 188/73, s. 1.

2. This Regulation comes into force on the 1st day of April, 1973.

(5258)

16

## THE MENTAL HOSPITALS ACT

**O. Reg. 189/73.**

General.

Made—March 28th, 1973.

Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE MENTAL HOSPITALS ACT

1. Subsection 1 of section 11 of Regulation 578 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 1 of Ontario Regulation 252/71, is revoked and the following substituted therefor:

(1) The Ministry may pay an amount of \$42 a week for the care and maintenance of patients in an approved home. O. Reg. 189/73, s. 1.

2. This Regulation comes into force on the 1st day of April, 1973.

(5259)

16

## THE PHARMACY ACT

**O. Reg. 190/73.**

Child Resistant Packages.

Made—March 28th, 1973.

Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE PHARMACY ACT

1. Section 5 of Ontario Regulation 362/72 is revoked and the following substituted therefor:

5. This Regulation comes into force on the 1st day of July, 1973. O. Reg. 190/73, s. 1.

(5260)

16

## THE CITY OF TIMMINS-PORCUPINE ACT, 1972

**O. Reg. 191/73.**

Merged Areas.

Made—March 29th, 1973.

Filed—April 21st, 1973.

### REGULATION MADE UNDER THE CITY OF TIMMINS-PORCUPINE ACT, 1972

#### MERGED AREAS

1. Under clause b of section 1 of the Act, It Is ORDERED that the following areas within the City of Timmins be designated as merged areas:

1. The area of the Town of Timmins as it existed on the 31st day of December, 1972.
2. The area of the Township of Mountjoy as it existed on the 31st day of December, 1972.

3. The area of the Township of Tisdale as it existed on the 31st day of December, 1972.
4. The area of the Township of Whitney as it existed on the 31st day of December, 1972.
5. The portion of the Town of Iroquois Falls annexed to the City under section 2 of the Act.
6. The area comprising the geographic townships of Adams, Blackstock, Bristol, Carman, Carscallen, Cody, Denton, Deloro, Eldorado, Evelyn, German, Godfrey Gowan, Hoyle, Jamieson, Jessop, Kidd, Langmuir, Loveland, Macdiarmid, Macklem, Matheson, Murphy, Ogden, Price, Robb, Shaw, Thomas, Thornloe, Turnbull and Wark as it existed on the 31st day of December, 1972. O. Reg. 191/73, s. 1.

JOHN WHITE  
*Treasurer of Ontario  
and Minister of Economics  
and Intergovernmental Affairs.*

Dated at Toronto, this 29th day of March, 1973.

(5261)

16

### THE CITY OF TIMMINS-PORCUPINE ACT, 1972

#### O. Reg. 192/73.

Designation of Last Revised Assessment  
Rolls and Approval of Levies Made in  
1973 Before Adoption of Estimates.  
Made—March 29th, 1973.  
Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE CITY OF TIMMINS-PORCUPINE ACT, 1972

#### DESIGNATION OF LAST REVISED ASSES- MENT ROLLS AND APPROVAL OF LEVIES MADE IN 1973 BEFORE ADOPTION OF ESTIMATES

1. The assessment rolls for those parts of the City of Timmins formerly the geographic townships of Adams, Blackstock, Bristol, Carman, Carscallen, Cody, Denton, Deloro, Eldorado, Evelyn, German, Godfrey, Gowan, Hoyle, Jamieson, Jessop, Kidd, Langmuir, Loveland, Macdiarmid, Macklem, Matheson, Murphy, Ogden, Price, Robb, Shaw, Thomas, Thornloe, Turnbull, and Wark, prepared by the Ministry of Revenue in 1972 and finally revised by the Assessment Review Court and certified by the regional registrar of the court are authorized,

for the purposes of the Act, as the last revised assessment rolls for those parts of the City. O. Reg. 192/73, s. 1.

2. The council of the City of Timmins may in the year 1973, by by-law passed before the adoption of the estimates for that year, levy in those parts of the city formerly the geographic townships of Adams, Blackstock, Bristol, Carman, Carscallen, Cody, Denton, Deloro, Eldorado, Evelyn, German, Godfrey, Gowan, Hoyle, Jamieson, Jessop, Kidd, Langmuir, Loveland, Macdiarmid, Macklem, Matheson, Murphy, Ogden, Price, Robb, Shaw, Thomas, Thornloe, Turnbull and Wark a sum not exceeding the rate of ten mills per dollar on the whole of the assessment for real property or on the whole of the business assessment, or on both, in those parts of the city according to the last revised assessment rolls for those parts of the City. O. Reg. 192/73, s. 2.

3. The amount of any levy under section 2 shall be deducted from the amount of the levy made under section 14 of the Act. O. Reg. 192/73, s. 3.

4. Subsection 4 of section 303 of *The Municipal Act* applies to levies made under this Regulation. O. Reg. 192/73, s. 4.

JOHN WHITE  
*Treasurer of Ontario  
and Minister of Economics  
and Intergovernmental Affairs.*

Dated at Toronto, this 29th day of March, 1973.

(5262)

16

### THE AGRICULTURAL TILE DRAINAGE INSTALLATION ACT, 1972

#### O. Reg. 193/73.

General.  
Made—March 14th, 1973.  
Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE AGRICULTURAL TILE DRAINAGE INSTALLATION ACT, 1972

#### GENERAL

#### INTERPRETATION

1. In this Regulation,

- (a) "advanced course" means the advanced course of instruction prescribed in this Regulation, or any course equivalent thereto satisfactory to the Director;

(b) "Drainage Guide" means Publication No. 29 of the Ontario Ministry of Agriculture and Food entitled "Drainage Guide for Ontario";

(c) "machine" means a machine used in installing a drainage work;

(d) "primary course" means the primary course of instruction prescribed in this Regulation, or any course equivalent thereto satisfactory to the Director;

(e) "tile" means tile, pipe or tubing of any material used in the installation of a drainage work. O. Reg. 193/73, s. 1.

2.—(1) An application for a licence to carry on the business of installing drainage works shall be in Form 1.

(2) An application for a licence to be the operator of a machine used in installing drainage works shall be in Form 2.

(3) An application for a licence for a machine used in installing drainage works shall be in Form 3.

(4) An application for the renewal of a licence in Form 4, 5 or 6 that is or has expired shall be made in the form provided therefor by the Director. O. Reg. 193/73, s. 2.

3.—(1) A licence to carry on the business of installing drainage works shall be in Form 4.

(2) A licence to be the operator of a machine shall be in Form 5.

(3) A licence for a machine shall be in Form 6.

(4) A licence in Form 4, 5 or 6 expires with the 31st day of December of the year in which it is issued.

(5) A licence in Form 4 or 5 is not transferable. O. Reg. 193/73, s. 3.

4.—(1) The fee for a licence in Form 4 is,

(a) \$25 in the case of an applicant or licensee who installed not more than 300,000 feet; and

(b) \$50 in the case of an applicant or licensee who installed more than 300,000 feet,

of drainage work in the year preceding the year in respect of which the application is made.

(2) The fee for a licence in Form 5 is \$5.

(3) The fee for a licence in Form 6 is,

(a) \$100 in the case of a plough-type machine; and

(b) \$50 in the case of any other type of machine. O. Reg. 193/73, s. 4.

5.—(1) The Director may issue a temporary operator's licence to a person who is qualified to be a Class A or Class B machine operator.

(2) A temporary operator's licence,

(a) shall be in the form provided by the Director; and

(b) is valid for the period of twenty-eight days next following the date on which it is issued.

(3) No person shall be issued more than two temporary operator's licences in any year.

(4) The fee for a temporary operator's licence is \$2. O. Reg. 193/73, s. 5.

6. The following fees shall be paid in addition to the fees prescribed by sections 4 and 5:

1. For an operator's examination . . . . . \$5.00

2. For an operator's change of class . . . . . \$5.00

3. For the transfer of a machine licence . . . \$5.00

O. Reg. 193/73, s. 6.

7.—(1) The following classes of machine operator are established:

1. Class A.

2. Class B.

3. Class C.

(2) An operator,

(a) who is qualified,

(i) to operate and maintain the machine to be operated by him,

(ii) to set a system of grade control for the machine he operates,

(iii) to interpret drainage plans based upon topographic and profile surveys,

(iv) to implement a drainage work plan, and

(v) to advise on or carry out all other functions connected with the installation of a drainage work;



- (b) who has attended the primary and advanced courses and has passed the examinations therefor;
- (c) who was previously the holder of a licence as a Class B operator; and
- (d) who has had at least seven months previous experience in operating machines in the installation of drainage works,

is a Class A operator.

(3) An operator,

- (a) who is not qualified,
  - (i) to set up a system of grade control for the machine to be operated by him,
  - (ii) to interpret drainage plans based upon topographic and profile surveys, or
  - (iii) to implement a drainage work plan;
- (b) who is qualified,
  - (i) to operate and maintain the machine to be operated by him,
  - (ii) to maintain the grade control established for such machine, and
  - (iii) to carry out all other duties connected with the installation of a drainage work except the duties mentioned in clause a;

- (c) who has attended the primary course and has passed the examinations therefor;
- (d) who was previously the holder of a licence as a Class C operator; and
- (e) who has had at least three months previous experience in operating machines in the installation of drainage works,

is a Class B operator.

(4) An operator,

- (a) who is being trained to operate and maintain a machine; and
- (b) who has had at least sixty days previous experience in carrying out other duties connected with the installation of drainage works,

is a Class C operator. O. Reg. 193/73, s. 7.

8.—(1) A licence as a Class A operator is issued on the terms and conditions that, where a licensed Class B or Class C operator is operating a machine under his supervision,

- (a) he is present and in actual communication with the Class B operator at least once in every three-hour period; or
- (b) he is present with the Class C operator at all times.

(2) A licence as a Class B operator is issued on the terms and conditions that,

- (a) where the holder is operating a machine; or
- (b) where a Class C operator is operating a machine in the presence of the holder,

a licensed Class A operator is present and in actual communication with him at least once in every three-hour period.

(3) A licence as a Class C operator is issued on the terms and conditions that the holder,

- (a) shall operate a machine in the installation of a drainage work only in the presence of an operator licensed as a Class A or Class B operator; and
- (b) shall attend the primary course within one year from the date on which the licence was issued. O. Reg. 193/73, s. 8.

9. Where a change in ownership of a machine is made,

- (a) the licence therefor shall remain with the machine; and
- (b) Notice of Transfer in Form 7, and the prescribed transfer fee, shall be sent to the Director within ten days next following the date of transfer. O. Reg. 193/73, s. 9.

10. A licence in Form 4 is issued on the terms and conditions that,

- (a) the holder or a person employed by him on a full-time basis is licensed as a Class A operator or, where the holder is a corporation, it employs on a full-time basis an operator licensed as a Class A operator;
- (b) every person who operates a machine,
  - (i) is the holder of a licence in Form 5, and
  - (ii) complies with the terms and conditions on which the licence is issued; and

- (c) every machine used in installing drainage works is licensed in Form 6. O. Reg. 193/73, s. 10.

11.—(1) Every machine shall,

- (a) be capable of excavating a trench or laying tile to a grade that does not deviate from the grade established by the drainage work plan by more than,

(i) 15 per cent of the internal diameter of the tile where the diameter is eight inches or less, or

(ii) 10 per cent of the internal diameter of the tile, where the diameter exceeds eight inches; and

- (b) for the purpose of excavating trenches, be equipped with a wheel, chain or other device capable of excavating a trench that exceeds the diameter of the tile to be installed by at least six inches.

(2) For the purposes of subsection 1,

- (a) the grade deviation allowed by clause *a* is subject to the conditions that such deviations,

(i) occur on a gradual basis over a distance of not less than thirty feet, and

(ii) do not occur consecutively above and below the established grade within a distance of 100 feet; and

- (b) the trench width mentioned in clause *b* shall be measured at a level above the trench bottom equal to the diameter of the tile. O. Reg. 193/73, s. 11.

12. Where,

- (a) any matter arises for which this Regulation makes no provision; and

- (b) a recommendation respecting such matter is set out in the Drainage Guide,

the Director, in making his decision, may take notice of the recommendation or of any other generally recognized technical facts, information or opinions within his knowledge. O. Reg. 193/73, s. 12.

13.—(1) The Director may, at such times and in such places as he considers advisable, provide courses of instruction as follows:

1. A primary course that includes instruction and practice in one or more of the following:

- i. basic mathematics.
- ii. the calculation of grades and grade stake setting.
- iii. profile and differential levelling.
- iv. the use of topographic maps.
- v. drainage technology as contained in the Drainage Guide.

2. An advanced course that includes instruction and practice in one or more of the following:

- i. mathematics related to area and volume calculations.
- ii. topographic surveys and readings of topographic maps.
- iii. the reading of drainage plans and profiles.
- iv. field surveys.
- v. the installation of drainage works on the basis of recommendations in the Drainage Guide.

(2) Examinations shall be conducted at the end of a course under the supervision of the instructors. O. Reg. 193/73, s. 13.

14. In addition to the grounds for refusal to renew, suspension or revocation of licences mentioned in section 5 of the Act, the Director may refuse to renew or may suspend or revoke a licence in Form 4 or 5 if, after a hearing,

- (a) he is of opinion that any ground mentioned in section 4 of the Act for refusal to issue such licence exists;
- (b) he finds that the licensee has failed to comply with, perform or carry out any term and condition on which such licence was issued;
- (c) in the case of a person licensed as a Class A operator, the past performance of the licensee affords reasonable grounds for belief that the qualifications therefor do not exist; or
- (d) in the case of a person licensed as a Class B operator, the past performance of the licensee affords reasonable ground for belief that the qualifications therefor do not exist. O. Reg. 193/73, s. 14.

15.—(1) The Director shall, for the purposes of the 1973 licence year, issue a licence to any person who makes application therefor in accordance with the Act and this Regulation and pays the prescribed fee,

(a) in Form 4 where the applicant carried on the business of installing drainage works;

(b) in Form 5,

(i) as a Class A operator where the applicant operated a machine in the installation of drainage works for a period of not less than twelve months, and

(ii) as a Class B operator where the applicant operated a machine in the installation of drainage works for a period of not less than six months,

prior to the 31st day of December, 1972.

(2) Every licence issued under subsection 1,

(a) expires with the 31st day of December, 1973; and

(b) shall in each year thereafter be renewed by the Director on application therefor and payment of the prescribed fee unless sooner suspended or revoked. O. Reg. 193/73, s. 15.

### Form 1

#### *The Agricultural Tile Drainage Installation Act, 1972*

#### APPLICATION FOR LICENCE TO INSTALL DRAINAGE WORKS

To: The Director,  
Agricultural and Horticultural Societies  
Branch,  
Ministry of Agriculture and Food,  
Parliament Buildings,  
Toronto.

.....  
.....  
.....

(name of corporation, partnership or person and if partnership, give names of all partners)

.....  
(address)

applies for a licence to carry on the business of installing drainage works under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations and in support of this application, the following facts are stated:

1. Name under which business is carried on

.....

2. Number of years engaged in the business of installing drainage works.....

3. Number of feet of drainage work installed in 197\_\_ :.....

4. Description of machines used in installing drainage works:

MAKE	MODEL	YEAR
_____	_____	_____
_____	_____	_____
_____	_____	_____

5. The following machine operators engaged in the business or employed on a full-time basis by the applicant are licensed as Class A operators:

NAME	ADDRESS
_____	_____
_____	_____
_____	_____

6. The licence fee of \$..... accompanies this application.

Dated at ....., this ..... day of ..... 19...

.....  
(signature of applicant)

.....  
(title of official signing for a corporation)

O. Reg. 193/73, Form 1.



Form 2

The Agricultural Tile Drainage Installation Act, 1972

APPLICATION FOR LICENCE AS A MACHINE OPERATOR

To: The Director,  
Agricultural and Horticultural Societies  
Branch,  
Ministry of Agriculture and Food,  
Parliament Buildings,  
Toronto.

.....  
(name of applicant in full)  
.....  
(address)

applies for a licence to be the operator of a machine used in installing drainage works under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations and, in support of this application, the following facts are stated:

- 1. I have operated machines in the installation of drainage works for a period of ..... years.
- 2. I have attended, and passed the examinations therefor:
  - 1. The Primary Drainage Course ( )
  - 2. The Advanced Drainage Course ( )
  - 3. Other Drainage Courses, as follows:.....  
.....  
.....
- 3. I have held a licence as a
  - Class A operator.....; (yes or no)
  - Class B operator.....; (yes or no)
  - Class C operator..... (yes or no)
- 4. I am qualified to perform the duties prescribed by the regulations for:
  - 1. A Class A operator ( )
  - 2. A Class B operator ( )

- 5. I will be operating and maintaining the following types of machines: .....  
.....  
.....
- 6. The licence fee of \$5 accompanies this application.  
Dated at ....., this ..... day of ..... , 19...

.....  
(signature of applicant)  
O. Reg. 193/73, Form 2.

Form 3

The Agricultural Tile Drainage Installation Act, 1972

APPLICATION FOR MACHINE LICENCE

.....  
(name of corporation, partnership or person and if a partnership, give names of all partners)  
.....  
(address)

applies for a licence or licences for the machine or machines described herein for use in installing drainage works under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations.

1. Description of machines:

MAKE	MODEL	YEAR	SERIAL NO.
------	-------	------	------------

- |       |       |       |       |
|-------|-------|-------|-------|
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |
- 2. The licence fee or fees of \$..... accompanies this application.  
Dated at ....., this ..... day of ..... , 19...  
.....  
(signature of applicant)

.....  
(title of official signing for a corporation)  
O. Reg. 193/73, Form 3.

**Form 4***The Agricultural Tile Drainage Installation Act, 1972***LICENCE TO INSTALL DRAINAGE WORKS**

YEAR..... LICENCE No.....

Under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations, and subject to the limitations thereof, this licence is issued to.....

(name)

(address)

carrying on business as.....  
to carry on the business of installing drainage works.

This licence expires with the 31st day of December,

19...

Issued at Toronto, this.....day of.....

19...

(Director)

O. Reg. 193/73, Form 4.

**Form 5***The Agricultural Tile Drainage Installation Act, 1972***MACHINE OPERATOR'S LICENCE**

YEAR..... LICENCE No.....

Under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations, and subject to the limitations thereof, this licence is issued to.....

(name)

(address)

to operate machines used in installing drainage works as a Class.....operator.

This licence expires with the 31st day of December,

19...

Issued at Toronto, this.....day of.....  
19...

(Director)

O. Reg. 193/73, Form 5.

**Form 6***The Agricultural Tile Drainage Installation Act, 1972***MACHINE LICENCE**

YEAR..... LICENCE No.....

Under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations, and subject to the limitations thereof, this licence is issued to.....

(name)

(address)

for use in installing drainage works of the machine described below:

MAKE MODEL YEAR SERIAL NO.

This licence expires with the 31st day of December,  
19...

Issued at Toronto, this.....day of.....  
19...

(Director)

O. Reg. 193/73, Form 6.

**Form 7***The Agricultural Tile Drainage Installation Act, 1972***NOTICE OF TRANSFER OF A MACHINE**

To: The Director,  
Agricultural and Horticultural Associations  
Branch,  
Ministry of Agriculture and Food,  
Parliament Buildings,  
Toronto, Ontario.

Under *The Agricultural Tile Drainage Installation Act, 1972* and the regulations, I hereby give notice of the change of ownership of the machine described below:

LICENCE NO. MAKE MODEL YEAR SERIAL NO.

FROM.....  
(signature of licensed owner)

To.....  
(name of purchaser)

.....  
(address of purchaser)

The transfer fee of \$5 accompanies this notice.

Dated at....., this.....day of

..... 19..

.....  
(signature of purchaser)

O. Reg. 193/73, Form 7.

(5263)

16

## THE RIDING HORSE ESTABLISHMENTS ACT, 1972

**O. Reg. 194/73.**

General.

Made—March 14th, 1973.

Filed—April 2nd, 1973.

### REGULATION MADE UNDER THE RIDING HORSE ESTABLISHMENTS ACT, 1972

#### GENERAL

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "horse stable" means a building, the whole or any part of which is used for the accommodation of horses in a riding horse establishment;
- (b) "pony" means a horse of a breed that, when mature, does not normally attain a height in excess of fifty-eight inches measured at the withers; and
- (c) "tack" includes all equipment of any kind customarily fitted to or placed on a horse.  
O. Reg. 194/73, s. 1.

2.—(1) An application for a licence as an operator of a riding horse establishment shall be made to the Director and shall be in Form 1.

(2) A licence as an operator of a riding horse establishment shall be in Form 2.

(3) A licence as an operator of a riding horse establishment shall be issued annually for the period from the 1st day of April in the year of issue to the 31st day of March in the following year.

(4) The fee for a licence as an operator of a riding horse establishment is \$25. O. Reg. 194/73, s. 2.

3.—(1) The Director may issue a permit in Form 3 to the operator of a riding horse establishment to permit the absence of a horse or horses from a location noted on his licence.

(2) Every permit issued in Form 3 shall have written thereon the place in which the horse or horses will be located, the length of time during which the horse or horses will be absent and the name of the person who will be responsible for the care of the horse or horses during their absence.

(3) The Director may revoke a permit in Form 3 where,

(a) the permit holder or responsible person mentioned in the permit causes or permits a horse to be located in a place not mentioned in the permit, to be absent for a greater length of time than is mentioned in the permit or does not exercise responsibility for the care of the horse or horses; or

(b) any violation of the Act, this Regulation or any other Act relating to cruelty, maltreatment or neglect of animals takes place with respect to the horse or horses mentioned in the permit. O. Reg. 194/73, s. 3.

4.—(1) The Director may issue a permit in Form 4 for the transfer of possession of foals that are less than ninety days old.

(2) Every permit issued in Form 4 shall have written thereon the purpose for which possession of any foal to which the permit applies is being transferred and the name of the person to whom possession is to be transferred.

(3) The Director may revoke a permit in Form 4 where,

(a) the permit holder transferred possession of a foal for a purpose or to a person not referred to in the permit;

(b) in the opinion of the Director, any foals, possession of which is transferred, have as a result of such transfer been transported or accommodated in a manner that does not conform with the conditions referred to in section 5; or



- (c) the permit holder or any other person who subsequently has possession of the foals has been convicted of an offence against the Act, the regulations or any other Act relating to cruelty, maltreatment or neglect of animals.

(4) A permit in Form 4 expires with the 31st day of December in the year of issue. O. Reg. 194/73, s. 4.

5. Where a permit for the transfer of possession of foals is issued under section 4 and where, pursuant to such permit, foals are transported by any means within Ontario, the following requirements shall apply as a condition of such permit:

1. Every vehicle used for the transportation of foals shall be of sound construction and shall be properly maintained.
2. The floor of any stall or compartment of any vehicle in which foals are transported or of any ramp used in connection therewith shall be so constructed and maintained as to provide a surface free from any holes or cracks that are capable of causing injury to a foal.
3. Every stall or compartment of any vehicle used for the transportation of foals and every ramp used in connection therewith shall be free from any projections, holes or objects capable of causing injury to a foal.
4. Every stall or compartment of any vehicle used for the transportation of foals shall be supplied with amounts of clean material adequate to provide for safe footing for any foal or foals therein.
5. Where animals, other than foals that are less than ninety days old, are transported in the same vehicle as such foals, the vehicle shall be equipped with a well constructed internal barrier adequate to prevent such other animals from interfering with the foals.
6. Every stall or compartment of any vehicle used for the transportation of foals shall, during the time that it is so used, have an overhead covering adequate to prevent the direct entry of sun, rain, hail or snow into the stall or compartment.
7. Every person transporting a foal in any vehicle shall transport the foal to the person referred to in the permit without undue delay and shall supply the foal with adequate amounts of suitable feed and water at such intervals as may be necessary for the comfort and welfare of the foal. O. Reg. 194/73, s. 5.

6.—(1) Every riding horse establishment operator shall provide horse stables that are,

- (a) of sufficient size;
- (b) of sound construction; and
- (c) constructed and maintained,

to provide safe and comfortable accommodation for all horses in the establishment.

(2) Every riding horse establishment operator shall provide a yard or yards, properly fenced to safely confine horses, adequately drained and of sufficient size for the exercising of horses and shall maintain such yards and fences in a good condition, free from equipment, machinery, debris and refuse of all kinds and in a condition suitable for the exercising of horses.

(3) Every riding horse establishment operator shall provide, either on his own property or by agreement with the owner of other property, sufficient land for customers to ride horses having regard to the type of operation carried on by the operator.

(4) Subject to *The Line Fences Act*, every riding horse establishment operator shall ensure that every field from which horses may leave his premises and gain access to occupied lands or to any public road is properly fenced with a fence so constructed and maintained as to safely prevent horses from leaving his premises and the operator shall take all reasonable steps to ensure that all gates in such fences are kept closed except when in actual use.

(5) All floors in a horse stable shall be properly maintained and shall be so constructed and maintained as to,

- (a) provide a surface free from any holes, cracks or other conditions that are capable of causing injury to a horse; and
- (b) provide for adequate drainage.

(6) All ceilings and overhead supporting beams in horse stable shall be solid and of sufficient height to,

- (a) prevent injury to horses; and
- (b) permit horses, while standing, to stand in a normal posture at all times.

(7) All horse stables shall be so lighted as to permit effective observation of all horses at all times.

(8) All horse stables used for the accommodation of horses in a riding horse establishment shall be so ventilated as to prevent excessive heat and humidity.

(9) Every riding horse establishment operator shall provide a box stall on the premises of the establishment enclosed on all sides and located in a building capable of excluding wind, hail, rain and snow and having a minimum floor area of 100 square feet, no wall of which shall be less than nine feet in length. O. Reg. 194/73, s. 6.

7.—(1) Every riding horse establishment operator shall provide such stalls, partitions or other provisions for accommodation of horses as may be required to prevent injury to horses.

(2) Horses in a horse stable shall be so accommodated that each horse is accommodated in comfort with adequate room for the horse and an attendant.

(3) The partitions of a box stall shall be soundly constructed and shall extend from the floor to a height sufficient to prevent interference between horses in the stall and horses outside the stall.

(4) Every stall shall be maintained in a proper state of repair and free from any projections, holes or objects capable of causing injury to a horse. O. Reg. 194/73, s. 7.

8. All alleyways within a horse stable shall be of such width and shall be so maintained as to provide for,

(a) the safe movement of horses and attendants; and

(b) the proper transportation of feed and waste materials. O. Reg. 194/73, s. 8.

9. Where horses in a riding horse establishment are stabled in the same building as animals that are not horses, the building shall be so constructed as to prevent such other animals from entering the part of the building where the horses are stabled and to prevent the horses from entering the part of the building where the other animals are stabled. O. Reg. 194/73, s. 9.

10. Where horses are stabled in a box stall, no horse of any one of the following classes shall be stabled in the same box stall as a horse of any other of the following classes:

1. Weaned foals.
2. Yearlings.
3. Two-year old horses.
4. Horses older than two-year old horses.
5. Ponies.
6. Stallions. O. Reg. 194/73, s. 10.

11.—(1) A suitable area, separated from any area wherein horses are accommodated, shall be provided for the storage of tack.

(2) Every horse stable shall have adequate means of egress to the outside of the building, readily accessible to the part of the stable wherein horses are accommodated and large enough to provide for rapid evacuation of horses from the stable in the event of an emergency.

(3) Every riding horse establishment operator shall provide reasonable means of releasing horses in the event of fire occurring in or threatening any horse stable in which the horses are kept.

(4) No person shall smoke in any part of a horse stable in which horses are accommodated or in which there is stored feed or bedding of any kind.

(5) The operator of every riding horse establishment shall place in every part of a horse stable referred to in subsection 4 a sign stating "no smoking" in a location and of a size and type to be clearly visible to persons entering any such part of the horse stable.

(6) Every riding horse establishment operator shall supply and maintain in each horse stable in the establishment a fire extinguisher in good operating condition that is rated at least 2A by the Underwriters Laboratories of Canada. O. Reg. 194/73, s. 11.

12. Every operator of a riding horse establishment shall provide,

(a) such amounts of suitable feed and water to every horse in the riding horse establishment as are necessary to maintain every such horse in a state of good health; and

(b) amounts of suitable bedding material in every horse stable adequate to provide for the comfort of the horses therein. O. Reg. 194/73, s. 12.

13.—(1) Every riding horse establishment operator shall provide all utensils necessary for the proper handling of all food, water and waste materials in connection with the horses in the establishment and shall provide proper facilities for the storage of such feed.

(2) Every riding horse establishment operator shall provide all instruments, appliances and medicines necessary for the proper grooming, feeding, care and emergency treatment of horses in the establishment. O. Reg. 194/73, s. 13.

14.—(1) Where any tack used on a horse in a riding horse establishment interferes with the proper treatment of healing of any wound, disease or abnormal condition of the horse, the operator shall forthwith remove such tack and shall not allow or



cause or permit the placing of any tack on the horse so long as such tack would interfere with the proper treatment or healing of the wound, disease or abnormal condition.

(2) Where an inspector is of the opinion that any horse in a riding horse establishment is suffering from a wound, disease or abnormal condition that requires treatment by a veterinarian, the inspector shall so advise the operator of the riding horse establishment and the operator of the riding horse establishment shall,

- (a) arrange forthwith to have the horse examined by a veterinarian as soon as may be practicable; and
- (b) refrain from using the horse for riding until it has been examined and a veterinarian has approved in writing the use of the horse for riding.

(3) Where a veterinarian has examined a horse in a riding horse establishment and has advised the operator thereof that the horse is ill or injured and in his opinion is incapable of being so cured or healed as to live thereafter without suffering, the operator shall forthwith destroy the horse. O. Reg. 194/73, s. 14.

15.—(1) Every horse in a riding horse establishment shall be provided with as much exercise, grooming and rest as is necessary for its welfare.

(2) The operator of a riding horse establishment shall,

- (a) trim or cause to be trimmed the hooves of every horse in the establishment as often as is necessary to correct any condition of the hooves that interferes with the well-being of the horse; and
- (b) where a horse is shod, ensure that the shoes are properly fitted and properly maintained.

(3) Every operator of a riding horse establishment shall daily inspect or cause to be inspected, every horse in the establishment to ensure that the horses are maintained in a good state of health. O. Reg. 194/73, s. 15.

16.—(1) Every operator of a riding horse establishment shall maintain all mangers and utensils used for feed and water in the establishment, in a clean and sanitary condition and shall provide facilities for the storage of such utensils.

(2) Every operator of a riding horse establishment shall maintain all floors, walls and ceilings in every horse stable in the establishment free from accumulations of dirt or refuse.

(3) Every operator of a riding horse establishment shall,

- (a) remove all manure and soiled bedding material from every horse stable in the establishment as often as is necessary to keep the horse stable dry, clean and free of noxious fumes; and
- (b) where such manure or soiled bedding material is stored, store it in such a manner that horses are prevented from having access to it.

(4) Where manure and soiled bedding material is stored, the operator of the riding horse establishment shall remove the manure and soiled bedding material at least once a year.

(5) Every operator of a riding horse establishment shall thoroughly clean and disinfect all horse stables in the establishment at least once a year. O. Reg. 194/73, s. 16.

17. Where horses that are used or intended to be used in connection with a riding horse establishment are transported in any vehicle,

- (a) the vehicle shall be of sound construction, with adequate ventilation for horses and shall be properly maintained;
- (b) the floor of any stall or compartment of the vehicle or of any ramp used in connection therewith shall be so constructed and maintained as to provide a surface free from any holes or cracks that are capable of causing injury to a horse;
- (c) every stall or compartment of the vehicle and any ramp used in connection therewith shall be free from any projections, holes or objects capable of causing injury to a horse;
- (d) every stall or compartment of the vehicle shall be supplied with amounts of clean material adequate to provide for safe footing for any horse therein;
- (e) where animals other than horses are transported in the same vehicle, the vehicle shall be equipped with a well constructed internal barrier adequate to prevent such animals from interfering with the horses;
- (f) every stall or compartment of the vehicle shall, during the time that it is so used, have an overhead covering adequate to prevent the direct entry of sun, rain, hail or snow into the stall or compartment and of a height adequate to permit the horses therein to stand comfortably;



- (g) the exterior walls of the vehicle shall be solidly constructed and at least as high as the top of the withers of the tallest horse therein; and
- (h) the person transporting the horses shall transport them to their destination without undue delay and shall supply them with adequate amounts of suitable feed and water at such intervals as may be necessary for their comfort and welfare. O. Reg. 194/73, s. 17.

18.—(1) No horse in a riding horse establishment shall be ridden by any person except under the supervision of a responsible person of the age of sixteen years or over unless the operator of the establishment is satisfied that the person riding the horse is competent to ride without supervision.

(2) The operation of the business of a riding horse establishment shall at no time be left in the charge of any person who is,

- (a) under sixteen years of age; or
- (b) not competent to handle horses. O. Reg. 194/73, s. 18.

19. Every person who is the operator of a riding horse establishment shall maintain an accurate record of every occasion on which a horse is let out on hire for riding including the name and address of the person hiring the horse. O. Reg. 194/73, s. 19.

20. Every person who is the operator of a riding horse establishment shall maintain a record of every foal under ninety days of age that was foaled in the establishment and the record shall contain, in as accurate a form as may be practicable,

- (a) the date of birth of the foal;
- (b) the sex of the foal;
- (c) the colour and markings of the foal;
- (d) where the foal is sold or otherwise disposed of, the manner of sale or disposition, the person, if any, to whom the foal was sold or disposed of and the date on which the foal was sold or disposed of; and
- (e) where the foal is sold, the bill of sale for the foal. O. Reg. 194/73, s. 20.

Form 1

*The Riding Horse Establishments Act, 1972*

APPLICATION FOR LICENCE AS AN  
OPERATOR OF A RIDING HORSE  
ESTABLISHMENT

To: The Director,  
Veterinary Services Branch,  
Ministry of Agriculture and Food,  
Parliament Buildings,  
Toronto, Ontario.

.....  
(name of applicant)

.....  
(address)

applies for a licence as an operator of a Riding Horse Establishment under *The Riding Horse Establishments Act, 1972* and the regulations, and in support of this application the following facts are stated:

1. Location of Riding Horse Establishment(s)  
.....  
(lot) (concession)  
.....  
(township) (county)

2. Owner of establishment(s).....

Dated at....., this.....day of  
....., 19....

.....  
(signature of applicant)

O. Reg. 194/73, Form 1.

Form 2

*The Riding Horse Establishments Act, 1972*

LICENCE AS AN OPERATOR  
OF A RIDING HORSE ESTABLISHMENT

Under *The Riding Horse Establishments Act, 1972* and the regulations, and subject to the limitations thereof, this licence is issued to:

.....  
(name)

.....  
(address)

to be the operator of a riding horse establishment.  
.....  
(location)

This licence expires with the 31st day of March, 19....

Fee \$.....

.....  
Director, Veterinary  
Services Branch

O. Reg. 194/73, Form 2.

Form 3

*The Riding Horse Establishments Act, 1972*

PERMIT TO PERMIT THE ABSENCE OF A HORSE OR HORSES FROM A LOCATION MENTIONED IN A RIDING HORSE ESTABLISHMENT OPERATOR'S LICENCE

Under *The Riding Horse Establishments Act, 1972* and the regulations, and subject to the limitations thereof, this permit is issued to:

(name)

(address)

to permit horses to be absent from a location noted on his licence. The horse or horses will be located

at (location)

until (length of time)

and will be (name)

responsible for the care of the horse or horses during their absence.

Dated at Toronto, this day of, 19...

Director, Veterinary Services Branch

O. Reg. 194/73, Form 3.

Form 4

*The Riding Horse Establishments Act, 1972*

PERMIT FOR THE TRANSFER OF POSSESSION OF FOALS THAT ARE LESS THAN NINETY DAYS OLD

Under *The Riding Horse Establishments Act, 1972* and the regulations, and subject to the limitations thereof, this permit is issued to:

(name)

(address)

to transfer possession of foals that are less than ninety days old to,

(name)

(address)

for the purpose of

Dated at Toronto, this day of, 19...

Director, Veterinary Services Branch

O. Reg. 194/73, Form 4.

(5264)

16

THE WEED CONTROL ACT

O. Reg. 195/73.

General.

Made—March 14th, 1973.

Filed—April 2nd, 1973.

REGULATION MADE UNDER THE WEED CONTROL ACT

GENERAL

1.—(1) The plants named in the Schedule are designated as noxious weeds.

(2) In the Schedule,

- (a) "L." is an abbreviation for Linnaeus;
  - (b) "Mill." is an abbreviation for Miller;
  - (c) "Pers." is an abbreviation for Persoon;
  - (d) "Scop." is an abbreviation for Scopoli; and
  - (e) "spp." is an abbreviation for species.
- O. Reg. 195/73, s. 1.

2. An order issued by an inspector under section 11 of the Act shall be in Form 1. O. Reg. 195/73, s. 2.

3.—(1) No person shall transport farm produce containing noxious weeds or weed seeds on any public road or property, except in a manner that

prevents the escape of noxious weed seeds, or transport any such farm produce to a farm that is free from noxious weeds or weed seeds.

(2) No person shall transport soil, gravel or other substance containing noxious weeds or weed seeds except in a manner that prevents the weeds or weed seeds from being scattered during transportation or from being deposited on any land where the weeds or weed seeds may grow to maturity. O. Reg. 195/73, s. 3.

4.—(1) Noxious weeds shall be destroyed by means of,

- (a) covering the plants with mulch or other substances that prevent the growth of the plants or the ripening of their seeds;
- (b) pulling or otherwise removing the plants from the soil;
- (c) cutting the roots or stalks of the plants before the seeds have developed sufficiently to ripen after the cutting;
- (d) plowing or cultivating the soil in which the plants are growing; or
- (e) treating with a herbicide that causes the plants to be destroyed or prevents the growth of the plants or the ripening of their seeds.

(2) Where noxious weeds are destroyed in a manner mentioned in subsection 1 and the seeds have developed sufficiently to ripen, the seeds shall be destroyed in a manner mentioned in subsection 5.

(3) Where an inspector causes the destruction of noxious weeds, the destruction shall be in a manner mentioned in subsection 1 that is efficient and at a reasonable cost in the circumstances.

(4) Nothing in this section authorizes any use of a herbicide that is contrary to any other law in force in Ontario.

(5) Weed seeds shall be destroyed by means of,

- (a) removal to locations where the seeds are unable to germinate, or, if germination takes place, where the noxious weeds are unable to grow to maturity;
- (b) composting;
- (c) use as silage or other form of fodder in which the weed seeds are consumed by animals;
- (d) grinding or crushing; or
- (e) burning. O. Reg. 195/73, s. 4.

5. The circumstances and conditions under which an inspector may cause noxious weeds to be destroyed under section 13 or 15 of the Act are,

- (a) that the inspector is of the opinion,
  - (i) that propagation of the noxious weeds would be prevented or substantially reduced by reason of their destruction, and
  - (ii) except in the case of poison ivy and ragweed, that lands other than the lands on which the noxious weeds are growing are likely to be damaged by propagation of the noxious weeds;
- (b) that the inspector does not cause damage to the property more than is necessary for or incidental to entering upon lands and transporting the equipment used in the destruction of the noxious weeds; and
- (c) that in the destruction of noxious weeds in a growing crop, the inspector does not cause greater damage to the crop than is necessary for the economical and effective destruction of the noxious weeds. O. Reg. 195/73, s. 5.

6. Where the clerk of a municipality complies with section 7 of the Act and the municipality,

- (a) submits to the Minister on or before the 31st day of December in each year a statement certified by its clerk of the rate of pay and of all money paid as remuneration and travelling expenses to its inspector or inspectors during the year; and
- (b) has caused each of its inspectors to submit to the Minister a complete report of the inspector's work for the year,

the municipality shall be reimbursed for part of the money so expended in the amount of,

- (c) in the case of a county of regional Municipality, 50 per cent of the money so expended but not to exceed a total calculated on the basis of \$6 per thousand improved acres in the county or regional municipality as set out in the most recent Canadian census; and
- (d) in the case of a township in a territorial district, 50 per cent of the money so expended but not to exceed \$100. O. Reg. 195/73, s. 6.

7. Regulation 825 of Revised Regulations of Ontario, 1970 is revoked. O. Reg. 195/73, s. 7.



Schedule

ITEM	COMMON NAME	SCIENTIFIC NAME
1.	Bull thistle	Cirsium vulgare (Savi) Tenore
2.	Canada thistle	Cirsium arvense (L.) Scop.
3.	Chicory	Cichorium intybus L.
4.	Common barberry	Berberis vulgaris L.
5.	Common or European buckthorn	Rhamnus catharticus L.
6.	Dodder	Cuscuta spp.
7.	Field bindweed	Convolvulus arvensis L.
8.	Goat's-beard	Tragopogon spp.
9.	Johnson grass	Sorghum halpense (L.) Pers.
10.	Milkweed	Asclepias spp.
11.	Nodding thistle	Carduus spp.
12.	Poison ivy	Rhus radicans L.
13.	Ragweed	Ambrosia spp.
14.	Russian Knapweed	Centaurea repens L.
15.	Russian thistle	Salsola kali L., Salsola tragus L.
16.	Scotch thistle	Onopordum acanthium L.
17.	Sow-thistle, perennial, annual	Sonchus spp.
18.	Spurge, cypress	Euphorbia cyparissias L.
19.	Spurge, leafy	Euphorbia esula L.
20.	Tuberous vetchling	Lathyrus tuberosa L.
21.	Wild carrot	Daucus carota L.
22.	Wild garlic	Allium vineale L.
23.	Yellow rocket	Barbarea spp.

O. Reg. 195/73, Sched.

Form 1

*The Weed Control Act*

ORDER TO DESTROY NOXIOUS WEEDS  
OR WEED SEEDS

To.....  
(name of person in possession of land)

.....  
(address)

\* Copy to.....  
(name of owner of land shown on assessment roll)

.....  
(address)

Under *The Weed Control Act* you are hereby ordered to destroy the noxious weeds and weed

seeds, described as follows:.....

.....  
(name of noxious weeds)

located at.....  
(lot or street number) (concession or street name)

.....  
(name of municipality)

not later than.....days from the  
(number, not less than seven)

date of service of this order.

Dated at.....this....day of.....,19..

.....  
(signature of weed inspector)

\* Where the owner of the land is not named above, a copy of the order shall be served upon the person shown as the owner of the property on the last revised assessment roll of the municipality in which the property is located.

N.B. Subsection 5 of section 11 of *The Weed Control Act* provides as follows:

(5) Where any person considers himself aggrieved by an order served upon him, he may, within four days after service of the order, appeal against the order or any requirements of the order to the chief inspector giving reasons for his objection to the order.

The address of the chief inspector is:

Chief Inspector, The Weed Control Act,  
Ministry of Agriculture and Food,  
Parliament Buildings,  
Toronto, Ontario.

O. Reg. 195/73, Form 1.

## THE PLANNING ACT

## O. Reg. 196/73.

Restricted Areas—Regional Municipality of York, Town of Markham.

Made—April 2nd, 1973.

Filed—April 2nd, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Paragraph 6 of section 2 of Ontario Regulation 104/72, as made by section 2 of Ontario Regulation 360/72, is revoked and the following substituted therefor:

6. Lots 1 to 8, both inclusive, the east half of Lot 9, and the whole of lots 14 to 31, both inclusive, in Concession VIII, except for the westerly 350 feet of lots 14 and 15, and except for those portions of lots 16 to 20, both inclusive, that lie between the east limit of King's Highway No. 48 and the west limit of the Canadian National Railway right-of-way, but not including in the latter exception those lands described in schedules 1 and 2 of Ontario Regulation 145/72, and except those parcels of land contained within Registered Plan RP 6230 for the Town of Markham.

2. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72, 491/72, 1/73 and 98/73, is further amended by adding thereto the following section:

25. Notwithstanding any other provisions of this Order, the lands described in Schedule 13 may be used for the erection of a second single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

Minimum front yard	25 feet
Minimum side yard	10 feet
Minimum rear yard	25 feet
Minimum total floor area	one storey—1500 square feet one and one-half storeys—1650 square feet two storeys—1800 square feet

REQUIREMENTS FOR ACCESSORY BUILDINGS  
AND STRUCTURES

1. Accessory buildings and structures shall be erected only in the rear yard and shall be at least two feet from the nearest lot line.

2. No accessory building or structure shall be used for human habitation. O. Reg. 196/73, s. 2.

3. Ontario Regulation 104/72, as amended by Ontario Regulations 145/72, 227/72, 276/72, 360/72, 491/72, 1/73 and 98/73, is further amended by adding thereto the following Schedule:

## Schedule 13

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Markham in the Regional Municipality of York, formerly in the Township of Markham in the County of York, and being composed of part of Lot 16 in Concession VI of the said Town of Markham, more particularly described as follows:

Premising that the southerly limit of said Lot 16 has a bearing of north 73° east and relating all bearings herein thereto;

Beginning at a point in the southerly limit of said Lot 16 distant 1157.74 feet measured westerly therealong from the southeast corner of said Lot 16;

Thence north 8°58'50" west a distance of 1327.66 feet to an iron bar planted in the line of a post and wire fence marking the existing northerly limit of said Lot 16;

Thence south 72°57'30" west along the line of said fence forming the northerly limit of Lot 16, a distance of 220.27 feet to an iron bar planted;

Thence continuing south 72°9'10" west along the line of said fence marking the northerly limit of Lot 16, a distance of 300.04 feet to an iron bar planted;

Thence continuing south 73°21'30" west along the line of said fence marking the northerly limit of said Lot 16, a distance of 146.29 feet to a point;

Thence south 9°9'20" east a distance of 1323.26 feet to a point in the southerly limit of said Lot 16;

Thence north 73° east along the southerly limit of said Lot 16, a distance of 661.97 feet, more or less, to the place of beginning. O. Reg. 196/73, s. 3.

G. M. FARROW  
Director,

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 2nd day of April, 1973.

**THE CREDIT UNIONS ACT****O. Reg. 197/73.**

Incorporation.

Made—March 14th, 1973.

Filed—April 3rd, 1973.

**REGULATION MADE UNDER  
THE CREDIT UNIONS ACT**

1. Regulation 142 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 446/71, is further amended by adding thereto the following section:

6. The fee for a certified copy of the by-laws of a credit union is \$10. O. Reg. 197/73, s. 1.

(5267)

16

**THE PLANNING ACT****O. Reg. 198/73.**

Restricted Areas—County of Kent,

Township of Harwich.

Made—April 2nd, 1973.

Filed—April 5th, 1973.

**ORDER MADE UNDER  
THE PLANNING ACT**

1. Sections 2 and 3 of Ontario Regulation 11/73 are revoked and the following substituted therefor:

**APPLICATION**

2. This Order applies to all lands within the Township of Harwich except for those lands covered by and described in the following by-laws: By-law No. 3739 as amended; By-law No. 3848 as amended; By-law No. 3867 as amended; By-law No. 4009A as amended; By-law No. 4073 as amended; By-law No. 4466; By-law No. 4621 as amended and By-law No. 4932, and, in the event that any of the foregoing by-laws are repealed and no new by-laws substituted forthwith therefor this Order shall apply without further notice to the lands covered by and described in such repealed by-law. O. Reg. 198/73, s. 1, *part*.

**GENERAL**

3. No land shall hereafter be used and no building or structure shall hereafter be erected or used within the area described in paragraph 2 except in accordance with the terms of this Order and By-law No. 1917 for the County of Kent, but nothing in this Order prevents the use of any land, building

or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Harwich prior to the day this Order comes into force. O. Reg. 198/73, s. 1, *part*.

Dated at Toronto, this 2nd day of April, 1973.

G. M. FARROW

*Director, Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

(5268)

16

**THE PLANNING ACT****O. Reg. 199/73.**

Restricted Areas—County of Kent,

Township of Harwich.

Made—April 2nd, 1973.

Filed—April 5th, 1973.

**ORDER MADE UNDER  
THE PLANNING ACT**

1. Ontario Regulation 11/73, as amended by Ontario Regulation 103/73, is further amended by adding thereto the following section:
7. Notwithstanding any other provisions of this Order, the land described in Schedule 1 may be used for a land fill site provided the following requirements are met:

**ACCESSORY BUILDINGS**

1. One accessory building incidental to the main use shall be permitted provided such accessory building does not exceed a floor area of 2900 feet and provided such building shall not be located closer than 300 feet from the centreline of a public road.
2. Maximum building height not to exceed 25 feet. O. Reg. 199/73, s. 1.
2. Ontario Regulation 11/73, as amended by Ontario Regulation 103/73, is further amended by adding thereto the following Schedule:

**Schedule 1**

All and singular those certain parcels or tracts of land and premises situate, lying and being in the Township of Harwich in the County of Kent, more particularly described as follows:



1. That part of the southeasterly half of the northeasterly 200 acres of Lot 15 in Concession IV west of the Communication Road, more particularly described as being all that part of the said half lying northeasterly of the southwesterly limit of the Howard Drain and containing 53 acres, more or less;

2. That part of the northwest half of Lot 14 in Concession IV west of the Communication Road described as follows:

Beginning at the northerly angle of Lot 15;

Thence southeasterly along the northeasterly limit of Lot 15, 825 feet;

Thence southwesterly parallel with the northwesterly limit of Lot 15, 2970 feet, more or less, to what is known as the Howard Drain;

Thence in a northerly direction along said Howard Drain to the northwesterly limit of Lot 15;

Then northeasterly along said last-mentioned limit 2310 feet, more or less, to the place of beginning, containing by admeasurement 50 acres, more or less.  
O. Reg. 199/73, s. 2.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 2nd day of April, 1973.

(5269)

16

## THE PLANNING ACT

### O. Reg. 200/73.

Restricted Areas—County of Oxford,  
Township of East Zorra.

Made—April 2nd, 1973.

Filed—April 5th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

1. Section 5 of Ontario Regulation 44/73 is amended by striking out "and" at the end of clause *c*, inserting "and" at the end of clause *d* and adding thereto the following clause:

(e) a gas company holding a franchise from the Township of East Zorra.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 2nd day of April, 1973.

(5270)

16

## THE PLANNING ACT

### O. Reg. 201/73.

Restricted Areas—Regional Municipality of  
York, Town of Whitchurch-Stouffville.

Made—March 29th, 1973.

Filed—April 5th, 1973.

## ORDER MADE UNDER THE PLANNING ACT

1. Section 24 of Ontario Regulation 101/72, as made by section 1 of Ontario Regulation 545/72, is revoked and the following substituted therefor:

24. Notwithstanding any other provisions of this Order, the lands described in schedules 12, 13, 14, 15 and 25 may each be used for one single-family dwelling and buildings and structures accessory thereto provided the requirements of section 6a and the following requirements are met:

### REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	35 feet
Minimum rear yard	40 feet
Minimum side yard	10 feet
Minimum floor area	1,100 square feet
Maximum lot coverage	not to exceed 15 per cent
Maximum height	not to exceed 35 feet

O. Reg. 201/73, s. 1.

2. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72, 487/72, 545/72, 50/73, 101/73 and 105/73, is further amended by adding thereto the following sections:

31. Notwithstanding any other provisions of this Order, the lands described in schedules 23 and 24 may each be used for a single-family dwelling and buildings and structures accessory thereto provided the requirements of section 6a and the following requirements are met:

## REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	50 feet
Minimum rear yard	75 feet
Minimum side yard	30 feet
Minimum floor area	1,100 square feet
Maximum height	not to exceed 35 feet

O. Reg. 201/73, s. 2, *part.*

32. Notwithstanding any other provisions of this Order, the lands described in Schedule 26 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided the requirements of section 6a and the following requirements are met:

## REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	25 feet
Minimum rear yard	25 feet
Minimum side yard	25 feet
Minimum floor area	800 square feet
Maximum height	not to exceed 35 feet

O. Reg. 201/73, s. 2, *part.*

33. Notwithstanding any other provisions of this Order, the lands described in Schedule 27 may be used for one single-family dwelling and buildings and structures accessory thereto provided the requirements of section 6a and the following requirements are met:

## REQUIREMENTS FOR MAIN BUILDING

Minimum front yard	50 feet
Minimum rear yard	75 feet
Minimum side yard	28 feet
Minimum floor area	1,100 square feet
Maximum height	not to exceed 35 feet

O. Reg. 201/73, s. 2, *part.*

3. Ontario Regulation 101/72, as amended by Ontario Regulations 281/72, 347/72, 403/72, 487/72, 545/72, 50/73, 101/73 and 105/73, is further amended by adding thereto the following schedules:

## Schedule 23

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville, in the Regional Municipality of York, formerly in the Township of Whitchurch, in the County of York, and being composed of part of the west half of Lot 16 in Concession VII, containing by admeasurement 10.01 acres, more or less, more particularly described as follows:

Premising that the westerly limit of said Lot 16 has an assumed bearing of north 9° west and relating all bearings herein thereto;

Beginning at a point in the southerly limit of said Lot 16 where it is intersected by an old fence marking the westerly limit of the herein described parcel, the said point of intersection being distant 2,369 feet six inches, more or less, measured easterly along the southerly limit of said Lot, from the southwest angle thereof;

Thence north 9° west along the said old fence 1,346 feet five inches, more or less, to an old fence marking the northerly limit of said Lot 16;

Thence easterly along the old fence marking the northerly limit of said Lot, 327 feet;

Thence south 9° east, 1,344 feet six inches, more or less, to an iron pipe planted in the southerly limit of said Lot;

Thence south 73° 45' 30" west, along the last-mentioned limit 327 feet, more or less, to the place of beginning. O. Reg. 201/73, s. 3, *part.*

## Schedule 24

All and Singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, and being composed of part of Lot 18 in Concession VII of the said Town, designated as parts 7, 8 and 9 of Reference Plan 65R-728 registered in the Registry Office for the Registry Division of York North. O. Reg. 201/73, s. 3, *part.*

## Schedule 25

All and Singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville, in the Regional Municipality of York, and being composed of parts of the northwest quarter of Lot 20 in Concession VIII of the said Town, more particularly described as follows:

Premising that the northerly limit of said Lot 20 has a bearing of north 74° 00' east and relating all bearings herein thereto;



Beginning at a point in the northerly limit of the said Lot 20 being also the southerly limit of the road allowance between lots 20 and 21 in Concession VIII of the said Town at a point distant 860 feet and three-fourths of an inch measured easterly from the northwest angle of said Lot 20;

Thence south 17° 17' east, 642 feet to a point in the existing southerly limit of the north half of Lot 20;

Thence north 73° 58' east along the existing southerly limit of the north half of Lot 20, 75 feet to a point;

Thence north 17° 17' west, 642 feet to a point in the southerly limit of the road allowance between lots 20 and 21 in Concession VIII of the said Town of Whitchurch-Stouffville;

Thence south 74° west along said road allowance 75 feet to the place of beginning. O. Reg. 201/73, s. 3, *part*.

#### Schedule 26

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, formerly in the Township of Whitchurch in the County of York, and being composed of part of Lot 32 in Concession VIII, containing by admeasurement .69 acre, more or less, more particularly described as follows:

Premising that the easterly limit of that portion of the King's Highway known as No. 48 according to a plan registered in the Registry Office for the Registry Division of York North as Number 383 has an astronomic bearing of north 9° 2' 10" west and relating all bearings herein thereto;

Beginning at a point which may be located as follows:

Beginning at the southwest corner of the said Lot 32;

Thence north 74° 25' 45" east along the southerly limit of the said Lot a distance of 30.49 feet to the aforementioned easterly limit of the King's Highway No. 48;

Thence north 7° 10' 50" west along the easterly limit of the King's Highway No. 48 a distance of 71.64 feet;

Thence north 11° 39' 40" west continuing along the last-mentioned limit, 300.27 feet;

Thence north 9° 2' 10" west still continuing along the last-mentioned limit, 632.5 feet;

Thence north 75° 27' east, 662.2 feet;

Thence north 72° 24' east, 103.72 feet;

Thence south 24° 56' 30" east, 10.08 feet to the place of beginning, being also the most westerly corner of the herein described parcel of land;

Thence north 72° 24' east, 43.49 feet to a survey monument;

Thence easterly on a tangential curve to the left having a radius of 95 feet an arc distance of 49.38 feet, chord equivalent being 48.35 feet on a bearing of north 57° 30' 30" east;

Thence south 53° 2' 10" east, 47.76 feet to a survey monument;

Thence north 82° 16' 10" east, 117.74 feet to a survey monument;

Thence south 17° 36' east, 97.68 feet to a survey monument;

Thence south 79° 56' 30" east, 85.61 feet to a survey monument;

Thence south 11° 30' 30" east, 57.22 feet to a survey monument;

Thence south 64° 37' 20" west, 90.61 feet to a survey monument;

Thence north 51° 37' west, 98.19 feet to a survey monument;

Thence north 47° 49' 20" west, 150.45 feet to a survey monument;

Thence south 72° 24' west, 78 feet to a survey monument;

Thence north 24° 56' 30" west, 42 feet, more or less, to the place of beginning. O. Reg. 201/73, s. 3, *part*.

#### Schedule 27

All and Singular that certain parcel or tract of land and premises situate, lying and being in the Town of Whitchurch-Stouffville in the Regional Municipality of York, and being composed of part of Lot 18 in Concession VII of the said Town, designated as parts 1, 2, 3, 4, 5 and 6 on Reference Plan 65R-728 registered in the Registry Office for the Registry Division of York North. O. Reg. 201/73, s. 3, *part*.

G. M. FARROW  
Director,

Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs

Dated at Toronto, this 29th day of March, 1973.



# THE FARMS PRODUCTS MARKETING ACT

## O. Reg. 202/73.

Grapes for Processing—Marketing.

Made—April 5th, 1973.

Filed—April 6th, 1973.

## REGULATION MADE UNDER THE FARM PRODUCTS MARKETING ACT

1.—(1) Clause *a* of section 1 of Regulation 324 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(a) "grapes" means grapes produced in Ontario, except grapes used for any purpose other than processing by a processor;

(2) Clause *e* of the said section 1 is revoked and the following substituted therefor:

(e) "processor" means a person engaged in the business of processing grapes;

2. Section 3 of Regulation 324 of Revised Regulations of Ontario, 1970 is revoked.

3. Form 1 of Regulation 324 of Revised Regulations of Ontario, 1970 is revoked.

## FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 5th day of April, 1973.

(5274)

16

## THE ELDERLY PERSONS CENTRES ACT

## O. Reg. 203/73.

General.

Made—April 4th, 1973.

Filed—April 6th, 1973.

## REGULATION MADE UNDER THE ELDERLY PERSONS CENTRES ACT

1. Subsection 2 of section 5 of Regulation 235 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 40/72, is revoked and the following substituted therefor:

(2) For the purposes of subsection 1, the cost to the municipality or approved corporation, as the case may be, of any land necessarily acquired in connection with the erection, extension or acquisition of a building or premises may be included as part of the capital cost. O. Reg. 203/73, s. 1.

2. Regulation 235 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

5a. The amount of a capital grant payable under subsection 1 of section 4 of the Act for furnishings or equipment in a centre shall be 30 per cent of the cost thereof as determined in Form 2. O. Reg. 203/73, s. 2.

3. Subsection 2, and subsection 3 as remade by section 3 of Ontario Regulation 40/72, of section 7 of Regulation 235 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

(2) Subject to subsection 4, an application in Form 2 for the payment of any part of a grant under subsection 1 of section 4 of the Act for the erection, alteration, extension or renovation of a centre shall be accompanied by,

(a) a certificate of an architect or a professional engineer stating the progress made towards completion for occupancy of the new building or extension or towards the completion of the alterations or renovations, as the case may be;

(b) a report of an authorized officer of the municipality or the board of directors of the approved corporation, as the case may be, certifying that the amount of the payment together with any amount of the grant previously paid does not exceed the amount of the cost that has been incurred for which the grant is payable.

(3) In the case of an approved corporation payment of any part of a grant applied for under subsection 2 shall not be made until the Director is satisfied that the council of the municipality in which the building or premises is situate, or the council of that municipality together with the councils of one or more contiguous municipalities, has either directed payment to the approved corporation of a proportionate share of the required 20 per cent of the estimated total capital cost of the erection, alteration, extension or renovation or contributed to the approved corporation real or personal property, approved by the Minister, that is equivalent in value to at least a proportionate share of the required 20 per cent of the estimated total capital cost.

(4) Final payment of a grant for the erection, alteration, extension or renovation of a centre, or payment of a grant for the acquisition of a centre

under subsection 1 of section 4 of the Act shall not be made until,

(a) an authorized officer of the municipality or board of directors of the approved corporation operating the centre certifies,

(i) to the actual total cost to the corporation or the municipality, as the case may be, of the erection, alteration, extension, renovation or acquisition,

(ii) that the total of the unpaid accounts applicable to the cost of the erection, alteration, extension, renovation or acquisition does not exceed the amount of the grant remaining to be paid,

(iii) that the amount of the grant remaining to be paid will be applied first in payment of the unpaid accounts referred to in subclause ii,

(iv) that all refundable sales tax has been taken into account, and

(v) in the case of an approved corporation, that the council of the municipality in which the building or premises is situate, or the council of that municipality together with the councils of one or more contiguous municipalities, has directed payment to the corporation of an amount equal to at least 20 per cent of the amount referred to in subclause i, or contributed to the corporation real or personal property, approved by the Minister, that is equivalent in value to at least 20 per cent of the amount referred to in subclause i; and

(b) an architect or a professional engineer, in triplicate, in Form 3, certifies that the erection, alteration, extension, renovation or acquisition of the building or premises is completed in accordance with the plans or structural sketch approved by the Minister and that the building or premises is ready for use and occupancy as a centre. O. Reg. 203/73, s. 3.

4. Subsections 2, 3 and 4 of section 7a of Regulation 235 of Revised Regulations of Ontario, 1970, as made by section 3 of Ontario Regulation 117/71, are revoked and the following substituted therefor:

(2) Subject to subsections 3 and 4, the monthly amount to be paid under subsection 2 of section 4 of the Act shall be up to 50 per cent of the net

monthly expenditure by the municipality or approved corporation, as the case may be, determined in accordance with Form 4 and shall not exceed a maximum amount of \$6,250 for the approved corporation or municipality and \$1,250 for any approved centre maintained and operated by the municipality or corporation, as the case may be.

(3) In determining the maximum net monthly expenditure under subsection 2,

(a) the Director may average the expenditure for any approved centre by the municipality or approved corporation, as the case may be, over a twelve-month period ending the 31st day of December in each year;

(b) the cost of rent or the monthly amount repaid for principal and interest under a mortgage in respect of an approved centre for which a capital grant has been paid under subsection 1 of section 4 of the Act shall not be included. O. Reg. 203/73, s. 4.

5. Section 8 of Regulation 235 of Revised Regulations of Ontario, 1970, as remade by section 5 of Ontario Regulation 40/72, is revoked and the following substituted therefor:

8. A grant may be paid under section 5 of the Act to a municipality or to an approved corporation for costs of a program of services for elderly persons in an approved centre, but in no case shall the total grant under section 5 of the Act exceed \$15,000 for any approved centre during any twelve-month period ending on the 31st day of December. O. Reg. 203/73, s. 5.

6. Clause e of section 9 of Regulation 235 of Revised Regulations of Ontario, 1970, as remade by subsection 2 of section 6 of Ontario Regulation 40/72, is revoked and the following substituted therefor:

(e) furnish to the Director each year the financial statement of the centre for the immediately preceding calendar year together with a report of a licensed public accountant in the case of the approved corporation or of an auditor licensed and appointed in accordance with *The Municipal Act* in the case of the municipality stating whether in his opinion,

(i) he has received all the information and explanations he has required,

(ii) the financial statement is in accordance with the books and records of the centre and the approved corporation, and



(iii) the financial statements have been prepared in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding calendar year,

and such other financial and statistical information as the Director may require.

- 7.—(1) Item 1a of Schedule 2 to Regulation 235 of Revised Regulations of Ontario, 1970, as made by subsection 1 of section 2 of Ontario Regulation 346/72, is revoked and the following substituted therefor:
- 1a. Ad Hoc Committee of Official and Voluntary Services, 23 Burritt Road, Scarborough
- 1b. Avenue Road Lions Club Senior Citizens' Day Care Centre, 396 Melrose Avenue, Toronto
- (2) Items 4c and 4d of the said Schedule 2, as made by section 1 of Ontario Regulation 501/72, are revoked and the following substituted therefor:
- 4c. Counselling Services to Elderly Persons, 22 Wellesley Street East, Toronto
- 4d. The Creative Living Centre for Senior Citizens, 4700 Bathurst Street, Toronto
- 4e. Dixon Hall, 85 Sumach Street, Toronto
- 4f. East York Meals-on-Wheels, Leaside Branch, 115 Bessborough Drive, Toronto
- (3) Item 9b of the said Schedule 2, as made by subsection 2 of section 2 of Ontario Regulation 521/71, is revoked and the following substituted therefor:
- 9b. Meals Here and There—East York Branch, 93 First Avenue, Toronto
- 9c. Meals-on-Wheels, Mount Dennis- Weston Area, 1 King Street, North York (Weston)
- 9d. Niagara Falls Senior Citizens' Recreation Centre, 1645 Morrison Street, Niagara Falls
- 9e. North York Central Meals-on-Wheels, 16 Woodthrush Court, Willowdale
- (4) Items 18b and 18c of the said Schedule 2, as made by section 2 of Ontario Regulation 67/73, are revoked and the following substituted therefor:
- 18b. Transportation for the Disabled, 24 Rolph Road, Toronto
- 18c. United Jewish Welfare Fund of Toronto Elderly Persons Centre, 150 Beverly Street, Toronto

- 18d. Valleyview Senior Citizens Centre, Elysian Street, St. Thomas
- 18e. Volunteer Centre of Metropolitan Toronto, Suite 207, 344 Bloor Street West, Toronto
- 18f. West Toronto Meals-on-Wheels, 10 High Park Gardens, Toronto
- (5) The said Schedule 2 is amended by adding thereto the following items:
- 12a. St. Luke's United Church-Meals-on-Wheels, 353 Sherbourne Street, Toronto
- . . . . .
- 16a. Senior Citizens' Service—People on Wheels, 21 Blackthorn Avenue, Toronto
- . . . . .
- 17a. Spadina-Bloor Interchurch Council—Senior Citizens' Outreach, 300 Bloor Street West, Toronto
- 17b. Special Guides and Summaries for Older People—Community Information Centre of Metropolitan Toronto, 110 Adelaide Street, East, 4th Floor, Toronto
- 17c. Summer Centre for Seniors, 87 Braemar Avenue, Toronto
8. Form 1 of Regulation 235 of Revised Regulations of Ontario, 1970, as amended by section 6 of Ontario Regulation 117/71, is revoked and the following substituted therefor:

Form 1

*The Elderly Persons Centres Act*

APPLICATION FOR A CAPITAL GRANT

1. The.....  
(name of municipality)
- .....  
(address)
- OR:
- The.....  
(name of corporation)
- .....  
(address)
- incorporated without share capital and with objects of a charitable nature on.....  
(date)
- 19....



hereby applies for a capital grant under sub-section 1 of section 4 of *The Elderly Persons Centres Act* in respect of the:

(check (✓) where applicable)

- |                                      |   |
|--------------------------------------|---|
| <input type="checkbox"/> erection    | <input type="checkbox"/> alteration               |
| <input type="checkbox"/> extension   | <input type="checkbox"/> renovation               |
| <input type="checkbox"/> acquisition | <input type="checkbox"/> furnishing and equipping |

of a building(s) or premises for use as a centre,

(a) known or to be known as

.....  
(name of centre)

(b) situated or to be situated at

.....; and

(c) consisting or to consist of..... building(s).

2. The estimated capital cost of the Centre is as follows:

(a) for the building(s) or premises \$.....

(b) for land, where applicable.... \$.....

(c) for equipment or furnishings.. \$.....

TOTAL..... \$.....

3. The applicant intends to finance this cost in the following manner:

(a) from the funds of the applicant \$.....

(b) (see note 1)

(i) grant from municipality or municipalities (at least 20 per cent of cost)..... \$.....

(ii) contribution from municipality or municipalities of real or personal property, approved by the Minister, that has a value of (at least 20 per cent of cost)..... \$.....

(c) provincial grant (30 per cent of cost)..... \$.....

(d) TOTAL CAPITAL COST..... \$.....

4. The applicant expects that the building(s) or premises will be ready for use as a centre on or

about the ..... day of .....

19.... (see note 2)

Dated at.....

this ..... day of

....., 19...

.....  
(signature of authorized  
officer of the municipality  
or Corporation)

#### NOTES:

1. To be completed only in the case of an application by a corporation other than a municipality.
2. Not applicable when application is for furnishings and equipment only.

O. Reg. 203/73, s. 8.

9.—(1) Item 1 of Part I of Form 2 of Regulation 235 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### TO BE USED FOR FURNISHINGS AND EQUIPMENT OR WHERE THE APPROVED CAPITAL PROJECT IS COMPLETED

1. Name of Centre.....

Address.....

The capital grant applied for is in respect of:

(a) ☐ erection;

☐ alteration;

☐ extension;

☐ renovation;

☐ acquisition; or

☐ furnishing and equipping,

of a building or premises for use as a centre costing..... \$.....

(b) cost of equipment and furnishings..... \$.....

(c) cost of land, where applicable. \$.....

(d) TOTAL CAPITAL COST..... \$.....

- (2) Clause *a* of item 2 of Part I of the said Form 2 is revoked and the following substituted therefor:
- (a) Total capital cost shown is clause *d* of item 1. .... \$.....
- (3) Clause *b* of item 4 of Part I of the said Form 2 is revoked and the following substituted therefor:
- (b) The total capital cost is as shown in clause *d* of item 1 and clause *a* of item 2 above;
- (4) Items 1 and 2 of Part II of the said Form 2 are revoked and the following substituted therefor:

TO BE USED WHERE THE APPROVED CAPITAL PROJECT IS NOT COMPLETE

1. Name of Centre. ....
- Address. ....

The capital grant applied for is in respect of:

- ☐ erection;
- ☐ extension;
- ☐ alteration; or
- ☐ renovation

of a building or premises to be used as a centre costing. .... \$.....

2. Calculation of capital grant:

- (a) Estimated capital cost. .... \$.....
- (b) (see note 1)

The municipality (municipalities) of. ....

.....  
.....  
.....

has (have)

(indicate which)

- ☐ directed payment to the corporation of the amount of. .... \$.....
- ☐ contributed or directed contribution of by by-law of the corporation, real or personal property, approved by the Minister, that has a value of. .... \$.....

- (c) Estimated total provincial grant (30 per cent of the amount shown in clause *a* of item 2)... \$.....
- (d) Payment applied for in this application (any part of amount shown in clause *c*)..... \$.....
10. Item 1 as remade by subsection 1 of section 7 of Ontario Regulation 40/72, and item 2 of Form 3 of Regulation 235 of Revised Regulations of Ontario, 1970, are revoked and the following substituted therefor:
1. That I have personally and carefully inspected the building(s) or premises,

(check (✓) one)

- ☐ erected                      ☐ altered
- ☐ extended                    ☐ acquired
- ☐ renovated

and equipped by.....  
(name of municipality or  
.....for use as a centre.  
corporation)

2. That the Centre, consisting of....building(s) is completed and ready for use and occupancy.
11. Part II of Form 4 of Regulation 235 of Revised Regulations of Ontario, 1970, as made by section 9 of Ontario Regulation 117/71, is revoked and the following substituted therefor:

PART II

COMPUTATION OF PROVINCIAL SUBSIDY

Provincial subsidy is an amount that does not exceed the lesser of,

- (a) 50 per cent of item 9 above.... \$.....
- or
- (b) \$1,250 x..... \$.....  
(number of months  
in current period)

Amount claimed..... \$.....

Publications Under The Regulations Act

April 28th, 1973

THE PLANNING ACT

O. Reg. 204/73.  
Zoning Order—County of Simcoe,  
Township of Nottawasaga.  
Made—April 3rd, 1973.  
Filed—April 9th, 1973.

ORDER MADE UNDER  
THE PLANNING ACT

1. Sections 40 and 43 of Regulation 675 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 6/73, are revoked and the following substituted therefor:

40. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 1, 3, 4, 6, 8, 9, 10, 11, 13, 14, 16, 17, 21, 22, 26, 31, 32, 33, 34, 35, 50, 52, 53, 54, 55, 56, 57, 58, 62, 63, 64, 65, 66, 67, 71, 72, 73, 74, 75, 79, 80, 81, 82 and 83 may each be used for erection of one single-family dwelling and buildings and structures accessory thereto provided the following requirements are met:

Maximum lot coverage	not to exceed 15 per cent
Minimum front yard	25 feet
Minimum side yard	10 feet on one side and 4 feet on the other side
Minimum rear yard	25 feet
Maximum height	not to exceed 20 feet
Minimum ground floor area	one storey—1,000 square feet, one and one-half storeys or more—750 square feet

O. Reg. 204/73, s. 1, *part.*

43. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 12, 19, 20, 24, 27, 28, 29, 38, 39, 40, 41, 42, 43, 48, 49, 59, 60, 61, 68, 69, 70, 76, 84 and 85 may each be

used for the erection of one single-family detached cottage and buildings and structures accessory thereto provided the following requirements are met:

Maximum lot coverage	not to exceed 15 per cent
Minimum front yard	25 feet
Minimum side yard	10 feet on one side and 4 feet on the other side
Minimum rear yard	25 feet

O. Reg. 204/73, s. 1, *part.*

2. Section 47 of Regulation 675 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 6/73, is revoked and the following substituted therefor:

47. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 37, 77, 86, 87, 88 and 89 may each be used for one single-family dwelling and building and structures accessory thereto. O. Reg. 204/73, s. 2.

3. Regulation 675 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

Schedule 79

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Lot 36 in Concession VIII of the said Township, more particularly described as follows:

Premising that the bearing of the road allowance between lots 36 and 37 is north 73° 40' 50" east in accordance with Plan 51R-1211;

Beginning at an iron survey bar set in the northerly limit of the said Lot 36, distant 3198.76 feet measured easterly therealong from the northwest angle thereof;

Thence north 73° 40' 50" east, and continuing to follow the northerly limit of the said Lot 36, a distance of 300.00 feet to a found iron survey bar marking the intersection of the said northerly limit with the line of an old fence existing in October of 1972;



Thence south  $8^{\circ} 41' 10''$  east, along the last-mentioned fence line, a distance of 459.92 feet to an iron survey bar;

Thence south  $77^{\circ} 59'$  west, a distance of 195.99 feet to an iron survey bar;

Thence north  $21^{\circ} 54'$  west, a distance of 191.29 feet to an iron survey bar;

Thence north  $22^{\circ} 00' 40''$  west, a distance of 252.22 feet to the place of beginning. O. Reg. 204/73, s. 3, *part*.

#### Schedule 80

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of a part of Lot 36 in Concession VIII of the said Township, and a part of Lot 38 according to a plan registered in the Registry Office for the Registry Division of Simcoe as number 52, the boundaries of which parcel may be more particularly described as follows:

Premising that Mill Street, as laid out by Registered Plan No. 52, has a bearing of north  $78^{\circ} 35' 10''$  east, and relating all bearings herein thereto;

Beginning at an iron survey bar set in the northerly limit of said Mill Street, distant 756.83 feet easterly therealong on a course of north  $78^{\circ} 35' 10''$  east from its intersection with the easterly limit of Townley Street, as laid out by Registered Plan No. 52. O. Reg. 204/73, s. 3, *part*.

#### Schedule 81

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Block C according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 92, more particularly described as follows.

Beginning at the northeast angle of said Block D;

Thence westerly along the northerly limit of Block D and C, 767 feet, more or less, to the place of beginning of the lands herein described;

Thence continuing westerly and along the northerly boundary of Block C, 200 feet to a point;

Thence southerly and parallel with the easterly boundary of said Block C, 594 feet, more or less, to a point in the southerly limit of said Block C;

Thence easterly and along the southerly limit of said Block C, 200 feet, more or less, to a point;

Thence northerly and parallel with the easterly boundary of said Block C, 600 feet, more or less, to a point in the northerly boundary of said Block C, which is the place of beginning of the lands herein described. O. Reg. 204/73, s. 3, *part*.

#### Schedule 82

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Block C according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 92, more particularly described as follows:

Beginning at the northeast angle of said Block D;

Thence westerly along the northerly limit of Block D a distance of 396 feet, more or less, to the place of beginning of the lands herein described;

Thence continuing westerly and along the northerly limits of said Block D and Block C on Registered Plan No. 92, a distance of 371 feet, more or less, to a point;

Thence southerly and parallel to the easterly boundary of said Block C, a distance of 600 feet, more or less, to the southerly boundary of said Block C;

Thence easterly and along the southerly boundary of said Block C and D, a distance of 371 feet, more or less, being the southwest angle of Lot 20 on Registered Plan No. 92;

Thence northerly and parallel with the westerly boundary of said Block D, a distance of 610 feet, more or less, to a point in the northerly limit of Block D being the place of beginning of the lands herein described. O. Reg. 204/73, s. 3, *part*.

#### Schedule 83

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Block C according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 92, more particularly described as follows:

Beginning at the northeast angle of said Block D;

Thence westerly along the northerly limit of Block D, a distance of 396 feet, more or less, to a point;

Thence southerly and parallel to the easterly boundary of said Block D, a distance of 445 feet, more or less, to a point;

Thence easterly and parallel to the southerly limit of said Block D, a distance of 198 feet, more or less, to a point;

Thence southerly and parallel to the easterly limit of said Block D, a distance of 28 feet, more or less, to a point;

Thence easterly and parallel to the southerly limit of said Block D, a distance of 198 feet, more or less, to a point on the easterly limit of said Block D;

Thence northerly and along the easterly limit of said Block D, a distance of 593 feet, more or less, to the northeast angle of said Block D, being the place of beginning of the lands herein described. O. Reg. 204/73, s. 3, *part*.

#### Schedule 84

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of Lot 3 according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 930. O. Reg. 204/73, s. 3, *part*.

#### Schedule 85

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of Lot 64 according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 1092. O. Reg. 204/73, s. 3, *part*.

#### Schedule 86

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of parts of lots 4 and 5, on the west side of Melville Street, according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 296, and part of Lot 36 in Concession IX of the said Township, the boundaries of which said parcel may be described as follows:

Premising that bearings herein are astronomic and referred to the bearing of Melville Street, assumed to be north 8° 49' 30" west;

Beginning at an iron survey bar set in the easterly limit of the said Lot 5, on the west side of Melville Street and distant 29.78 feet, measured southerly therealong from the northeast angle thereof;

Thence north 8° 49' 30" west, along the easterly limits of lots 5 and 4, a distance of 39.06 feet to an iron survey bar;

Thence south 79° 52' west, and being along the line of a post and wire fence existing in July of 1972, a distance of 100.03 feet to an iron survey bar;

Thence south 8° 49' 30" east, a distance of 36.80 feet to a point in a fence line existing in July of 1972;

Thence north 81° 10' 30" east along the said existing fence line and its production easterly, in all, a distance of 100.00 feet to the place of beginning. O. Reg. 204/73, s. 3, *part*.

#### Schedule 87

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of parts of lots 5 and 6, on the west side of Melville Street, according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 296, and part of Lot 36 in Concession IX of the said Township, the boundaries of which said parcel may be described as follows:

Premising that bearings herein are astronomic and are referred to the bearing of Melville Street, assumed to be north 8° 49' 30" west;

Beginning at an iron survey bar set in the easterly limit of the said Lot 5, on the west side of Melville Street and distant 29.78 feet, measured southerly therealong from the northeast angle thereof;

Thence south 8° 49' 30" east, along the easterly limits of lots 5 and 6, west of Melville Street, a distance of 52.22 feet to a point thereon, distant 50.00 feet measured northerly therealong from the southeast angle of Lot 6;

Thence south 81° 10' 30" west, parallel to the southerly limit of Lot 6, a distance of 126.04 feet to a point in the westerly limit of the said Lot 6;

Thence north 26° 10' east, along the westerly limits of lots 6 and 5, a distance of 45.41 feet to a point;

Thence north 8° 49' 30" west, a distance of 15.02 feet to a point;

Thence north 81° 10' 30" east and being parallel to the southerly limit of Lot 6, a distance of 100.00 feet to the place of beginning. O. Reg. 204/73, s. 3, *part*.

#### Schedule 88

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Lot 7 in Concession VIII of the said Township, more particularly described as follows:



Premising that the westerly limit of the road allowance between concessions VIII and IX has a bearing of north 7° 36' 20" west and relating all bearings herein thereto;

Beginning at a point in the northerly limit of County Road No. 9 known as River Road which point may be located as follows:

Beginning at the northwest angle of Lot 7 in Concession VIII where an iron survey bar has been planted;

Thence south 7° 36' 20" east, along the easterly limit of the road allowance between concessions VIII and IX, a distance of 1069.06 feet to its intersection with the northerly limit of said County Road No. 9;

Thence north 57° 32' 40" east, along the said northerly limit of County Road No. 9, a distance of 465.32 feet to an iron survey bar marking an angle therein;

Thence north 55° 53' 40" east, continuing to follow the said northerly limit of the road, a distance of 81.17 feet to an iron survey bar marking the said place of beginning;

Thence continuing north 55° 53' 40" east, along the said northerly limit of County Road No. 9 a distance of 311.88 feet to an iron survey bar marking the beginning of a tangential curve to the right of radius 1330.73 feet;

Thence northeasterly along the last-mentioned curve and being along the northerly limit of road, an arc distance of 113.15 feet, the chord equivalent of which is 113.12 feet, measured on a course of north 58° 19' 50" east, to an iron survey bar;

Thence north 24° 33' west, along the line of a board fence, existing in November of 1972, a distance of 200.00 feet to an iron survey bar;

Thence south 56° 33' 30" west, a distance of 425.05 feet to an iron survey bar;

Thence south 24° 33' east, a distance of 200.00 feet, more or less, to the said place of beginning. O. Reg. 204/73, s. 3, *part*.

#### Schedule 89

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nottawasaga in the County of Simcoe, and being composed of part of Church Street and part of Lot 11 according to a plan registered in the Registry Office for the Registry Division of Simcoe as No. 168, the boundaries of which parcel may be described as follows:

Premising that the northerly limit of that portion of the King's Highway known as No. 24, as

widened by Deposited Plan No. 22228, is north 73° 13' 25" east and relating all bearings herein thereto;

Beginning at a point in the westerly limit of Church Street, Registered Plan No. 168, being also the easterly limit of Lot 10 Registered Plan No. 168, and distant 20.17 feet measured northerly therefrom from the southwest angle of said Lot 10;

Thence north 73° 13' 25" east, a distance of 127.36 feet to an iron survey bar;

Thence north 9° 19' 20" west, a distance of 227.08 feet to an iron survey bar;

Thence south 73° 26' 50" west, a distance of 128.45 feet to an iron survey bar;

Thence south 9° 35' 35" west, a distance of 227.46 feet to the northerly limit of King's Highway No. 24, as widened by Deposited Plan No. 22228, being the place of beginning of the lands herein described. O. Reg. 204/73, s. 3, *part*.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 3rd day of April, 1973.

(5301)

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#### THE PLANNING ACT

##### O. Reg. 205/73.

Restricted Areas—County of Ontario,  
Township of Mara.

Made—April 4th, 1973.

Filed—April 9th, 1973.

#### ORDER MADE UNDER THE PLANNING ACT

#### RESTRICTED AREAS—COUNTY OF ONTARIO TOWNSHIP OF MARA

##### INTERPRETATION

##### 1. In this Order,

- (a) "accessory building or structure" means a detached building or structure that is not used for human habitation but the use of which is naturally and normally incidental to, subordinate to or exclusively devoted to a principal use or building and located in the same lot therewith and includes a detached private garage or a detached carport;



- (b) "agricultural use" means a use of land, buildings or structures for the purpose of forestry, field crops, fruit farming, market gardening, dairying, animal husbandry, poultry or beekeeping, and such uses as are customarily and normally related to agriculture;
- (c) "dwelling unit" means one or more habitable rooms designed for use by, and occupied by, not more than one family and in which separate kitchen and sanitary facilities are provided for the exclusive use of such family, with a private entrance from outside the building or from a common hallway or stairway inside the building but does not include a single-family detached cottage;
- (d) "family" means a person or two or more persons interrelated by bonds of consanguinity, legal adoption or marriage or not more than five persons not so interrelated living together as a single housekeeping unit in one dwelling unit;
- (e) "frontage" means the width of a lot measured along a line twenty feet back from the street and parallel to the lot line abutting the street;
- (f) "lot" means a parcel of land, described in a deed or other document legally capable of conveying land, or shown as a lot or block on a registered plan of subdivision;
- (g) "lot area" means the total horizontal area within the lot lines of a lot;
- (h) "lot coverage" means the percentage of the lot area covered by the ground floor area of all buildings situate on the lot;
- (i) "lot line" means any boundary of a lot;
- (j) "lot line, front" means the lot line that divides the lot from the street, but in the case of a corner lot the shorter street line shall be deemed to be the front lot line and the longer street line shall be deemed to be a side lot line, but in the case of a corner lot with two street lines of equal length, the lot line that abuts the wider street, or abuts a county or suburban road or highway shall be deemed to be the front lot line, and in the case of both street being under the same jurisdiction, or of the same width, the owner of such corner lot may designate either street line as the front lot line;
- (k) "lot line, rear" means the lot line opposite the front lot line;
- (l) "lot line, side" means a lot line other than a front or rear lot line;
- (m) "main building" means the building in which is carried on the principal purpose for which the lot is used;
- (n) "single-family dwelling" means a separate building containing only one dwelling unit;
- (o) "street" means a public highway that is a principal means of access to abutting lots, that is under the jurisdiction of the Province of Ontario or the County of Ontario or the Township of Mara or is a road within a registered plan of subdivision or is a road the maintenance of which has been assumed by the township;
- (p) "yard" means a space open from the ground to the sky on the lot on which a building is situate unoccupied except for such accessory buildings as are specifically permitted in this Order;
- (q) "yard, front" means a yard extending across the full width of a lot between the front lot line and the nearest wall of any building or structure on the lot;
- (r) "yard, minimum front" means the minimum depth of a front yard on a lot between the front lot line and the nearest wall of any building or structure on the lot;
- (s) "yard, minimum rear" means the minimum depth of a rear yard on a lot between the rear lot line and the nearest wall of the main building or structure on the lot;
- (t) "yard, minimum side" means the minimum width of a side yard on a lot between a side lot line and the nearest wall of any building or structure on the lot. O. Reg. 205/73, s. 1.

#### APPLICATION

2. This Order applies to all lands within Registered Plan M896 in the Township of Mara in the County of Ontario. O. Reg. 205/73, s. 2.

#### GENERAL

3. No building shall hereafter be used and no building or structure shall hereafter be erected or used except in accordance with the terms of this Order, but nothing in this Order prevents the use of any land, building or structure for a purpose prohibited by this Order if such land, building or structure was lawfully used for such purpose on the day this Order comes into force, or prevents the erection or use of any building or structure the plans for which were approved by the Township of Mara prior to the day this Order comes into force. O. Reg. 205/73, s. 3.

4.—(1) Every use of land and every erection or use of buildings or structures within lots 1 to 19, both inclusive, of Registered Plan M896 is prohibited except,

- (a) one single-family detached cottage on each lot and buildings and structures accessory thereto; and
- (b) public parks, playgrounds and uses accessory thereto.

(2) Requirements for single-family detached cottages and buildings and structures accessory thereto are established as follows:

Minimum lot area	7500 square feet
Minimum lot frontage	80 feet
Minimum front yard	35 feet
Minimum side yard	10 feet each side
Minimum rear yard	35 feet
Maximum lot coverage	not to exceed 30 per cent
Maximum height	not to exceed 35 feet
Minimum ground floor area	one storey—900 square feet one and one-half storeys or more—575 square feet

O. Reg. 205/73, s. 4.

5. Every use of land and every erection or use of buildings or structures within Blocks A, B and C of Registered Plan M896 is prohibited except public parks, playgrounds and uses accessory thereto. O. Reg. 205/73, s. 5.

6. Every use of land and every erection or use of buildings or structures within Blocks D, E and F of Registered Plan M896 is prohibited except agricultural uses and buildings and structures accessory thereto but excluding from this exception buildings and structures designed for human habitation. O. Reg. 205/73, s. 6.

#### BUILDINGS TO FRONT OF STREET

7. No person shall erect any building or structure unless the lot upon which such building or structure is to be erected fronts upon a street. O. Reg. 205/73, s. 7.

#### ACCESSORY BUILDINGS OR STRUCTURES

8.—(1) No accessory building or structure shall be located,

- (a) in any front yard; or
- (b) within five feet of any boundary of the lot on which the dwelling is located.

(2) The minimum distance of an accessory building or structure from a main building shall be five feet provided that in no case shall any overhang, eaves or gutter project into this required minimum area that shall be clear of any obstruction from the ground to the sky.

(3) The maximum height of an accessory building or structure shall be fifteen feet. O. Reg. 205/73, s. 8.

9. Notwithstanding anything contained in this Order,

- (a) the Township of Mara or any local board thereof, as defined in *The Municipal Affairs Act*;
- (b) any ministry, department or agency of the Government of Canada or Ontario;
- (c) any telephone or telegraph company; and
- (d) the Hydro-Electric Power Commission of Ontario,

may, for the purpose of providing a service to the public, use land and erect or use any building or structure, notwithstanding that the building, structure or use does not conform with the provisions of this Order. O. Reg. 205/73, s. 9.

#### REBUILDING AND REPAIRS

10.—(1) Nothing in this Order prevents the repair or reconstruction of any building or structure that is damaged or destroyed by causes beyond the control of the owner, provided that the dimensions of the original building or structure are not increased or its original use altered.

(2) Nothing in this Order prevents the strengthening or restoration to a safe condition of any building or structure or part of any such building or structure. O. Reg. 205/73, s. 10.

JOHN WHITE  
Treasurer of Ontario  
and Minister of Economics  
and Intergovernmental Affairs

Dated at Toronto, this 4th day of April, 1973.

**THE SMALL CLAIMS COURTS ACT****O. Reg. 206/73.**

Courts.

Made—March 28th, 1973.

Filed—April 9th, 1973.

**REGULATION MADE UNDER  
THE SMALL CLAIMS COURTS ACT**

1. Schedules 49, 51, 53 and 55 to Regulation 800 of Revised Regulations of Ontario, 1970 and schedules 50 and 54 to the said Regulation, as remade by section 2 of Ontario Regulation 261/72, are revoked and the following substituted therefor:

**Schedule 51**

1. The Sixth Small Claims Court of the County of Hastings.

2. Those parts of the County of Hastings described as follows:

- i. The villages of,

- (a) Deloro;
- (b) Madoc;
- (c) Marmora;
- (d) Tweed.

- ii. The townships of,

- (a) Elzevir;
- (b) Hungerford;
- (c) Huntingdon;
- (d) Madoc;
- (e) Marmora;
- (f) Rawdon.

3. The Village of Madoc. O. Reg. 206/73, s. 1, *part.*

**Schedule 53**

1. The Ninth Small Claims Court of the County of Hastings.

2. Those parts of the County of Hastings described as follows:

- i. The separated Town of Trenton.

- ii. The villages of,

- (a) Frankford;
- (b) Stirling.

- iii. The Township of Sydney, except that part described in subparagraph iii of paragraph 2 of Schedule 48.

3. The Town of Trenton. O. Reg. 206/73, s. 1, *part.*

**Schedule 55**

1. The Twelfth Small Claims Court of the County of Hastings.

2. Those parts of the County of Hastings described as follows:

- i. The Village of Bancroft.

- ii. The townships of,

- (a) Bangor, Wicklow and McClure;
- (b) Carlow;
- (c) Dungannon;
- (d) Faraday;
- (e) Grimsthorpe;
- (f) Herschel;
- (g) Lake;
- (h) Limerick;
- (i) Mayo;
- (j) Monteaule;
- (k) Tudor and Cashel;
- (l) Woollaston.

3. The Village of Bancroft. O. Reg. 206/73, s. 1, *part.*

2. Schedules 76, 77, 78 and 80 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 76**

1. The First Small Claims Court of the County of Lanark.

2. Those parts of the County of Lanark described as follows:



- i. The Town of Perth.
- ii. The Village of Lanark.
- iii. The townships of,

- (a) Bathurst;
- (b) Dalhousie and North Sherbrooke;
- (c) Darling;
- (d) Drummond;
- (e) Lanark;
- (f) Lavant;
- (g) North Burgess;
- (h) South Sherbrooke.

- iv. The Township of North Elmsley, except that part described in subparagraph iii of paragraph 2 of Schedule 79.

3. The Town of Perth. O. Reg. 206/73, s. 2, *part.*

#### Schedule 78

1. The Third Small Claims Court of the County of Lanark.

2. Those parts of the County of Lanark described as follows:

- i. The towns of,

- (a) Almonte;
- (b) Carleton Place.

- ii. The townships of,

- (a) Beckwith;
- (b) Pakenham;
- (c) Ramsay.

3. The Town of Carleton Place. O. Reg. 206/73, s. 2, *part.*

3. Schedules 97 and 98 to Regulation 800 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 67/71, are revoked and the following substituted therefor:

#### Schedule 97

1. The First Small Claims Court of the District of Muskoka.

2. Those parts of the Territorial District of Muskoka, as they existed on the 31st day of December, 1970, described as follows:

- i. The towns of,

- (a) Bala;
- (b) Bracebridge;
- (c) Gravenhurst.

- ii. The villages of,

- (a) Port Carling;
- (b) Port Sydney;
- (c) Windermere.

- iii. The townships of,

- (a) Cardwell;
- (b) Draper;
- (c) Freeman;
- (d) Gibson;
- (e) Macaulay;
- (f) McLean;
- (g) Medora;
- (h) Monck;
- (i) Morrison;
- (j) Muskoka;
- (k) Oakley;
- (l) Ridout;
- (m) Ryde;
- (n) Watt;
- (o) Wood.

iv. The Township of Brunel, except that part described in subparagraph iii of paragraph 2 of Schedule 99.

v. The Township of Stephenson, except that part described in subparagraph iv of paragraph 2 of Schedule 99.

vi. The islands in the Georgian Bay lying west of the area described in subparagraphs i to v of paragraph 2 of this Schedule and adjacent thereto, and the islands in the Severn River lying northerly of the middle of the main channel of the Severn River and adjacent to the geographic townships of Wood and Morrison.

3. The Town of Bracebridge. O. Reg. 206/73, s. 3.

4. Schedule 109 to Regulation 800 of Revised Regulations of Ontario, 1970, as remade by section 7 of Ontario Regulation 528/72, and Schedule 112 to the said Regulation 800, are revoked and the following substituted therefor:

#### **Schedule 109**

1. The First Small Claims Court of the County of Norfolk.

2. Those parts of the County of Norfolk described as follows:

i. The towns of,

(a) Port Dover;

(b) Simcoe;

(c) Waterford;

(d) Delhi.

ii. The townships of,

(a) Charlotteville;

(b) Townsend;

(c) Windham;

(d) Woodhouse.

3. The Town of Simcoe. O. Reg. 206/73, s. 4.

5. Schedules 138, 139 and 141 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### **Schedule 141**

1. The Tenth Small Claims Court of the United Counties of Prescott and Russell.

2. Those parts of the United Counties of Prescott and Russell described as follows:

i. The Town of Rockland.

ii. The Village of Casselman.

iii. The townships of,

(a) Alfred;

(b) Cambridge;

(c) Clarence;

(d) North Plantagenet;

(e) Russell.

iv. The Township of South Plantagenet, except that part described in subparagraph iv of paragraph 2 of Schedule 140.

3. The Town of Rockland. O. Reg. 206/73, s. 5.

6. Schedules 149 and 150 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### **Schedule 149**

1. The First Small Claims Court of the County of Simcoe.

2. Those parts of the County of Simcoe described as follows:

i. The City of Barrie.

ii. The Town of Bradford.

iii. The Village of Elmvale.

iv. The townships of,

(a) Flos;

(b) Innisfil;

(c) Vespra;

(d) West Gwillimbury.

v. The Township of Oro, except that part described in subparagraph iv of paragraph 2 of Schedule 153.

vi. That part of the Township of Sunnidale described as follows: Beginning at the southwesterly angle of the Township; thence northerly along the westerly boundary of the Township to the production westerly of the northerly boundary of Concession 8; thence easterly along the production and the northerly boundary of Concession 8 and its production easterly to the easterly boundary of the Township; thence southerly along that boundary to the southerly boundary of the Township; thence westerly along the last-mentioned boundary to the place of beginning.

3. The City of Barrie. O. Reg. 206/73, s. 6.

7. Schedule 162 to Regulation 800 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 40/73, and Schedule 164 of the said Regulation 800, are revoked and the following substituted therefor:

#### Schedule 162

1. The First Small Claims Court of the District of Sudbury.

2. Those parts of the Territorial District of Sudbury described as follows:

i. The City of Sudbury.

ii. The towns of,

- (a) Capreol;
- (b) Nickel Centre;
- (c) Onaping Falls;
- (d) Rayside-Balfour;
- (e) Valley East;
- (f) Walden.

iii. The Territorial District of Sudbury except those parts described in schedules 163 and 165.

3. The City of Sudbury. O. Reg. 206/73, s. 7.

8. Schedules 175 and 176 to Regulation 800 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

#### Schedule 175

1. The Fourth Small Claims Court of the District of Timiskaming.

2. Those parts of the District of Timiskaming described as follows:

i. The Town of Kirkland Lake.

ii. The geographic townships of,

- (a) Arnold;
- (b) Ben Nevis;
- (c) Benoit;

(d) Bernhardt;

(e) Black;

(f) Bisley;

(g) Bompas;

(h) Boston;

(i) Burt;

(j) Clifford;

(k) Dunmore;

(l) Gauthier;

(m) Grenfell;

(n) Hearst;

(o) Katrine;

(q) Lebel;

(p) Lee;

(r) Maisonville;

(s) McElroy;

(t) McEvay;

(u) McFadden;

(v) McGarry;

(w) McVittie;

(x) Melba;

(y) Morrisette;

(z) Nordica;

(za) Ossian;

(zb) Otto;

(zc) Pontiac;

(zd) Sheba;

(ze) Teck;

(zf) Terry;

(zg) Tolstoi.

3. The Town of Kirkland Lake. O. Reg. 206/73, s. 8.

(5303)



## THE CONSERVATION AUTHORITIES ACT

## O. Reg. 207/73.

Conservation Areas—Sault Ste. Marie  
Region.

Made—January 15th, 1973.

Approved—April 4th, 1973.

Filed—April 9th, 1973.

REGULATION MADE UNDER  
THE CONSERVATION AUTHORITIES ACT

CONSERVATION AREAS—SAULT STE.  
MARIE REGION

## INTERPRETATION

## 1. In this Regulation,

- (a) "Authority" means the Sault Ste. Marie Region Conservation Authority;
- (b) "conservation area" means an area of land owned or controlled by the Authority;
- (c) "motorized snow vehicle" means a motorized snow vehicle as defined in *The Motorized Snow Vehicles Act*;
- (d) "Secretary-Treasurer" means Secretary-Treasurer of the Authority;
- (e) "vehicle" means a vehicle as defined in *The Highway Traffic Act*. O. Reg. 207/73, s. 1.

2. This Regulation applies to the use by the public of conservation areas, and the works, vehicles, boats, services and things of the Authority. O. Reg. 207/73, s. 2.

3. Any person required to issue a permit by this Regulation may refuse to issue the permit where, in the opinion of the issuer, to do so would not be in the interest of,

- (a) the best, safest and most orderly use of the conservation area by the public; or
- (b) the best administration of the conservation area, having regard to the conservation, restoration and development of the natural resources of the conservation area. O. Reg. 207/73, s. 3.

## 4. No person shall,

- (a) deface, remove or damage any property in a conservation area;
- (b) remove, injure or destroy any tree, shrub, plant, flower or growing thing, or any soil, rock or other material in a conservation area;

(c) kill, trap, hunt, pursue or in any manner disturb or cause to be disturbed any wild bird or animal within a conservation area except,

- (i) in an area designated by the Authority for the purpose, and
- (ii) under the authority of a permit therefor issued by the Secretary-Treasurer;

(d) fire or discharge any firearm, torpedo, rocket or fireworks of any type or kind in a conservation area except under the authority of a permit issued therefor by the Secretary-Treasurer; or

(e) perform any act that causes or is likely to cause a danger for other persons using a conservation area. O. Reg. 207/73, s. 4.

5. No person shall abandon any refuse or other object or material within a conservation area except in receptacles or pits provided by the Authority for the purpose. O. Reg. 207/73, s. 5.

6. No person shall erect, post, paste, fasten, paint or affix any placard, bill, notice, sign or any other advertising device in a conservation area unless a permit therefor is first obtained from the Secretary-Treasurer. O. Reg. 207/73, s. 6.

7.—(1) No person shall bring a horse or other animal into a conservation area except,

- (a) into a part thereof designated by the Authority for the purpose; or
- (b) under a permit issued therefor by the Secretary-Treasurer.

(2) No person shall permit a dog, cat or other pet to be in a conservation area unless,

- (a) the dog, cat or other pet is secured by a leash that does not exceed six feet in length; or
- (b) a permit therefor has been issued by the Secretary-Treasurer. O. Reg. 207/73, s. 7.

## 8. No person shall,

- (a) sell or offer for sale any article or service;
- (b) advertise or carry on any business or commercial enterprise; or
- (c) beg or solicit charity,

within a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 207/73, s. 8.

9. No person shall bring a show or public performance of any kind or any equipment for the entertainment of the public into a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 207/73, s. 9.

10. No person shall conduct a public meeting or perform any act that causes persons to congregate or is likely to cause persons to congregate in a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 207/73, s. 10.

11. No person shall be in a conservation area after sunset and before 10 a.m. without a permit therefor issued by the Secretary-Treasurer. O. Reg. 207/73, s. 11.

12.—(1) No person shall wade, bathe or swim in a conservation area except at such times and at such places as are designated by the Authority for the purpose.

(2) No person shall take any inflatable object, swimming assist, snorkel or other underwater breathing device into any water in a conservation area. O. Reg. 207/73, s. 12.

13. No person shall use any type of watercraft in a conservation area except in a part thereof designated by the Authority for the purpose. O. Reg. 207/73, s. 13.

14.—(1) Except under the authority of a permit issued by the Secretary-Treasurer, no person shall light or maintain a fire in a conservation area in a place other than a fireplace or other location provided by the Authority for the purpose.

(2) No person who lights a fire in a conservation area shall leave the fire unattended or leave the site of the fire before the fire is completely extinguished. O. Reg. 207/73, s. 14.

15. Except in places that have been designated and posted by the Authority for hunting and archery, no person other than a peace officer shall possess an air-gun, fire-arm, sling-shot or archery equipment in a conservation area. O. Reg. 207/73, s. 15.

16. No person shall occupy a camp-site except under the authority of a permit issued by the Secretary-Treasurer. O. Reg. 207/73, s. 16.

17.—(1) Sections 87, 93, 94 and 98 of *The Highway Traffic Act* apply to the operation of vehicles on roads under the jurisdiction of the Authority.

(2) No person shall,

(a) operate a vehicle within a conservation area except on a roadway or other place designated by the Authority for the purpose;

(b) operate a vehicle at a speed in excess of fifteen miles per hour, unless otherwise

posted on any road under the jurisdiction of the Authority;

(c) park a vehicle within a conservation area in a place other than one that has been designated by the Authority for the purpose; or

(d) operate a public commercial vehicle as defined in *The Public Commercial Vehicles Act*, within a conservation area for commercial purposes except for the purpose of making deliveries within the conservation area. O. Reg. 207/73, s. 17.

18.—(1) No person shall operate a motorized snow vehicle in a conservation area except,

(a) under the authority of a permit therefor issued by the Secretary-Treasurer; and

(b) in a part thereof that is designated by the Authority for the purpose.

(2) Every operator of a motorized snow vehicle shall produce the permit to operate the vehicle in a conservation area for inspection by an officer upon request.

(3) No person shall operate a motorized snow vehicle in a conservation area except where a permit under *The Motorized Snow Vehicles Act* has been issued therefor.

(4) No person shall operate a motorized snow vehicle in a conservation area unless he is insured under a motor vehicle liability policy in accordance with *The Insurance Act* in respect thereof. O. Reg. 207/73, s. 18.

19. No permit issued under this Regulation is transferable. O. Reg. 207/73, s. 19.

20.—(1) An officer may direct traffic and in cases of fire, accident, traffic congestion or other emergency, may direct it into such channels as are necessary to prevent or relieve congestion or give rights of way.

(2) Every person shall obey any direction given under subsection 1. O. Reg. 207/73, s. 20.

21.—(1) A conservation area or any part thereof may be closed entirely during such specified periods of time as the Authority determines and no person shall enter upon or occupy such conservation area or any part thereof during the times posted.

(2) A conservation area or any part thereof may be closed to certain uses during such specified periods of time as the Authority determines and no person shall enter upon or occupy such conservation area or any part thereof for such specified uses during the times posted. O. Reg. 207/73, s. 21.



22. The following persons are appointed officers to enforce any regulation made under section 27 or 28 of the Act:

1. Members of the Ontario Provincial Police Force.
2. Members of any municipal police force operating within an area under the jurisdiction of the Authority.
3. Staff members of the Authority. O. Reg. 207/73, s. 22.

23. The penalty for a breach of this Regulation is a fine not exceeding \$100. O. Reg. 207/73, s. 23.

SAULT STE. MARIE REGION  
CONSERVATION AUTHORITY:

L. A. GUERRIERO  
*Chairman*

R. P. YANNI  
*Secretary-Treasurer*

Dated at Sault Ste. Marie, this 15th day of January, 1973.

(5304)

17

## THE CONSERVATION AUTHORITIES ACT

### O. Reg. 208/73.

Conservation Areas—Lower Thames Valley.

Made—January 12th, 1973.

Approved—April 4th, 1973.

Filed—April 9th, 1973.

## REGULATION MADE UNDER THE CONSERVATION AUTHORITIES ACT

1. Section 1 of Regulation 104 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following clauses:

(d) "motorized snow vehicle" has the same meaning as in *The Motorized Snow Vehicles Act*.

(e) "officer" means,

(i) a member of the Ontario Provincial Police Force, a member of a municipal Police force operating within the area under the jurisdiction of the Authority, and

(ii) an officer, constable, caretaker or other person appointed by the Authority to enforce this regulation.

2. Section 15 of Regulation 104 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following subsections:

(3) No person shall operate a motorized snow vehicle in a conservation area except in a part thereof that has been set aside and posted by the Authority for the purpose.

(4) No person shall operate a motorized snow vehicle in a conservation area except where a permit under *The Motorized Snow Vehicles Act* has been issued therefor.

(5) No person shall operate a motorized snow vehicle in a conservation area unless he is insured under a motor vehicle liability policy in accordance with *The Insurance Act*, in respect thereof.

(6) Employees, officers and agents of the Authority while on the business of the Authority are exempt from subsection 3. O. Reg. 208/73, s. 2.

LOWER THAMES VALLEY CONSERVATION  
AUTHORITY:

CLARENCE M. WILSON  
*Chairman*

ANTHONY J. READ  
*Secretary-Treasurer*

Dated at Chatham, this 12th day of January, 1973.

(5305)

17

## THE CONSERVATION AUTHORITIES ACT

### O. Reg. 209/73.

Conservation Areas—Ganaraska Region.

Made—January 19th, 1973.

Approved—April 4th, 1973.

Filed—April 9th, 1973.

## REGULATION MADE UNDER THE CONSERVATION AUTHORITIES ACT

### CONSERVATION AREAS—GANARASKA REGION

#### INTERPRETATION

1. In this Regulation,

(a) "Authority" means the Ganaraska Region Conservation Authority;

(b) "conservation area" means an area consisting of one parcel or, where two or more parcels are contiguous, the contiguous parcels of land owned by the Authority;



(c) "motorized snow vehicle" means a motorized snow vehicle as defined in *The Motorized Snow Vehicles Act*;

(d) "Secretary-Treasurer" means Secretary-Treasurer of the Authority; and

(e) "vehicle" means a vehicle as defined by *The Highway Traffic Act*. O. Reg. 209/73, s. 1.

2. This Regulation applies to the use by the public of conservation areas and the works, vehicles, boats, services and things of the Authority. O. Reg. 209/73, s. 2.

3. Any person required to issue a permit by this Regulation may refuse to issue the permit where, in the opinion of the issuer, to do so would not be in the interest of,

- (a) the best, safest and most orderly use of the conservation area by the public; or
- (b) the best administration of the conservation area, having regard to the conservation, restoration and development of the natural resources of the conservation area. O. Reg. 209/73, s. 3.

4. No person shall,

- (a) deface, remove or damage any property in a conservation area;
- (b) remove, injure or destroy any tree, shrub, plant flower or growing thing, or any soil, rock or other material in a conservation area;
- (c) kill, trap, hunt, pursue or in any manner disturb or cause to be disturbed any wild bird or animal within a conservation area except,
  - (i) in an area designated by the Authority for the purpose; and
  - (ii) under the authority of a permit issued by the Secretary-Treasurer;
- (d) fire or discharge any firearm, torpedo, rocket or fireworks of any type or kind in a conservation area, except under a permit issued by the Secretary-Treasurer; or
- (e) perform any act that causes or is likely to cause a danger to other persons using a conservation area. O. Reg. 209/73, s. 4.

5. No person shall leave any refuse or other objects or material within a conservation area except in receptacles or pits provided by the Authority for the purpose. O. Reg. 209/73, s. 5.

6. No person shall erect, post, paste, fasten, paint or affix any placard, bill, notice, or sign in a conservation area unless a permit therefor is first obtained from the Secretary-Treasurer. O. Reg. 209/73, s. 6.

7.—(1) No person shall bring a horse into any of the following conservation areas without a permit therefor issued by the Secretary-Treasurer: Ball's Mill, Cobourg, Garden Hill, Port Hope, Rice Lake or Sylvan Glen.

(2) No person shall permit cattle or other livestock into a conservation area without a permit therefor issued by the Secretary-Treasurer.

(3) No person shall permit a dog, cat or other pet to be in a conservation area unless,

- (a) the dog, cat or other pet is secured by a leash that does not exceed six feet in length; or
- (b) a permit therefor has been issued by the Secretary-Treasurer.

(4) No person shall permit a dog, cat or any other pet to be in any place in a conservation area set aside for wading, bathing or swimming. O. Reg. 209/73, s. 7.

8. No person shall,

- (a) sell or offer for sale any article or service;
- (b) advertise or carry on any business or commercial enterprise; or
- (c) beg or solicit charity,

within a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 209/73, s. 8.

9. No person shall bring a show or public performance of any kind or any equipment for the entertainment of the public into a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 209/73, s. 9.

10. No person shall conduct a public meeting or perform any act that causes persons to congregate or is likely to cause persons to congregate in a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 209/73, s. 10.

11. No person shall be in a conservation area after 11.30 p.m. and before 8 a.m. without a permit therefor issued by the Secretary-Treasurer. O. Reg. 209/73, s. 11.

12.—(1) No person shall wade, bathe or swim in a conservation area except at such times and at such places as are designated by the Authority for the purpose.

(2) No person shall take any inflatable object, swimming aids, snorkel or other underwater breathing device into the water in a conservation area. O. Reg. 209/73, s. 12.

13. No person shall use any type of motor-driven watercraft in a conservation area. O. Reg. 209/73, s. 13.

14.—(1) Except under the authority of a permit therefor issued by the Secretary-Treasurer, no person shall light or maintain a fire in a conservation area in a place other than a fire-place or other location provided by the Authority for the purpose.

(2) No person who lights a fire in a conservation area shall leave the fire unattended or leave the site of the fire before the fire is completely extinguished. O. Reg. 209/73, s. 14.

15. Except in conservation areas that have been designated and posted by the Authority for hunting and archery, no person other than a peace officer shall possess an air-gun, fire-arm, slingshot, or archery equipment in a conservation area. O. Reg. 209/73, s. 15.

16.—(1) No person shall camp in a conservation area except in such places as are designated by the Authority for the purpose.

(2) No person shall occupy a camp-site except under the authority of a permit issued by the Secretary-Treasurer.

(3) No person shall camp in any one camp-site in a conservation area for a period of time longer than seven consecutive days. O. Reg. 209/73, s. 16.

17.—(1) Sections 87, 93, 94 and 98 of *The Highway Traffic Act* apply to the operation of vehicles on roads under the jurisdiction of the Authority.

(2) No person shall,

(a) operate a vehicle within a conservation area except on a roadway or other place set aside by the Authority for the purpose;

(b) operate a vehicle at a speed in excess of fifteen miles per hour, unless otherwise posted, on any road under the jurisdiction of the Authority;

(c) park a vehicle within a conservation area in a place other than one that has been designated by the Authority for the purpose; or

(d) operate a public commercial vehicle, as defined in *The Public Commercial Vehicles Act*, within a conservation area for commercial purposes, except for the purpose of making deliveries within the conservation area. O. Reg. 209/73, s. 17.

18. No person shall operate a motorized snow vehicle in the Ball's Mill Conservation Area or the Cobourg Conservation Area. O. Reg. 209/73, s. 18.

19.—(1) A conservation area or any part thereof may be closed entirely during such specified periods of time as the Authority determines and no person shall enter upon, or occupy any such conservation area or part thereof during the times posted.

(2) A conservation area or any part thereof may be closed to certain uses during such specified periods of time as the Authority determines and no person shall enter upon or occupy such conservation area or any part thereof for such specified uses during the times posted. O. Reg. 209/73, s. 19.

20. The following persons are appointed officers to enforce any regulation made under section 27 or 28 of the Act.

1. Members of the Ontario Provincial Police Force.
2. Members of any municipal police force operating within an area under the jurisdiction of the Authority.
3. Staff members of the Authority. O. Reg. 209/73, s. 20.

21. The penalty for a contravention of this Regulation is a fine not exceeding \$100. O. Reg. 209/73, s. 21.

#### GANARASKA REGION CONSERVATION AUTHORITY:

ROY A. FOSTER  
Chairman

BARBARA A. SMITH  
Secretary-Treasurer

Dated at Port Hope, this 19th day of January, 1973.



## THE CONSERVATION AUTHORITIES ACT

## O. Reg. 210/73.

Conservation Areas—Mattagami Valley.

Made—January 30th, 1973.

Approved—April 4th, 1973.

Filed—April 9th, 1973.

REGULATION MADE UNDER  
THE CONSERVATION AUTHORITIES ACTCONSERVATION AREAS—MATTAGAMI  
VALLEY

## INTERPRETATION

## 1. In this Regulation,

- (a) "Authority" means the Mattagami Valley Conservation Authority;
- (b) "conservation area" means an area consisting of one parcel or, where two or more parcels are contiguous, the contiguous parcels of land owned by the Authority;
- (c) "motorized snow vehicle" means a motorized snow vehicle as defined in *The Motorized Snow Vehicles Act*;
- (d) "Secretary-Treasurer" means Secretary-Treasurer of the Authority;
- (e) "vehicle" means a vehicle as defined in *The Highway Traffic Act*. O. Reg. 210/73, s. 1.

2. This Regulation applies to the use by the public of conservation areas and the works, vehicles, boats, services, and things of the Authority. O. Reg. 210/73, s. 2.

3. Any person required to issue a permit by this Regulation may refuse to issue the permit where, in the opinion of the issuer, to do so would not be in the interest of,

- (a) the best, safest and most orderly use of a conservation area by the public; or
- (b) the best administration of the conservation area, having regard to the conservation, restoration and development of the natural resources of the conservation area. O. Reg. 210/73, s. 3.

## 4. No person shall,

- (a) deface, remove or damage any property in a conservation area;
- (b) remove, injure or destroy any tree, shrub, plant, flower or growing thing, or any soil, rock or other material in a conservation area;

(c) kill, trap, hunt, pursue or in any manner disturb or cause to be disturbed any wild bird of animal within a conservation area, except in an area designated by the Authority for the purpose;

(d) be in possession of or fire or discharge any torpedo, rocket, or other fireworks in a conservation area; or

(e) perform any act that causes or is likely to cause a danger for other persons using a conservation area. O. Reg. 210/73, s. 4.

5. No person shall abandon any refuse or other object or material within a conservation area except in receptacles or pits provided by the Authority for the purpose. O. Reg. 210/73, s. 5.

6. No person shall erect, post, paste, fasten, paint or affix any placard, bill, notice or sign in a conservation area unless a permit therefor is first obtained from the Secretary-Treasurer. O. Reg. 210/73, s. 6.

7.—(1) No person shall bring a horse, cow, or other animal into a conservation area without a permit therefor issued by the Secretary-Treasurer.

(2) No person shall permit a dog, cat, or other pet to be in a conservation area unless,

- (a) the dog, cat or other pet is secured by a leash that does not exceed six feet in length; or
- (b) a permit therefor has been issued by the Secretary-Treasurer.

(3) No person shall permit a dog, cat or other pet to be in any place set aside for wading, bathing or swimming. O. Reg. 210/73, s. 7.

## 8. No person shall,

- (a) sell or offer for sale any article or service;
- (b) advertise to carry on any business or commercial enterprise; or
- (c) beg or solicit charity,

within a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 210/73, s. 8.

9. No person shall bring a show of any kind or any equipment for entertainment into a conservation area without a permit therefor issued by the Secretary-Treasurer. O. Reg. 210/73, s. 9.

10. Except under the authority of a permit therefor issued by the Secretary-Treasurer, no person shall conduct a public meeting or perform any act that congregates or is likely to congregate persons in a conservation area. O. Reg. 210/73, s. 10.



11. No person shall be in a conservation area after sunset and before 10 a.m. without a permit therefor issued by the Secretary-Treasurer. O. Reg. 210/73, s. 11.

12.—(1) No person shall wade, bathe or swim in a conservation area except at such times and at such places as are designated by the Authority for the purpose.

(2) No person shall take any inflatable object or snorkel or other underwater breathing device into the water in a conservation area. O. Reg. 210/73, s. 12.

13. Except under the authority of a permit therefor issued by the Secretary-Treasurer, no person shall operate a boat or use an outboard motor in any conservation area. O. Reg. 210/73, s. 13.

14.—(1) Except under the authority of a permit therefor issued by the Secretary-Treasurer, no person shall light or maintain a fire in a conservation area in a place other than a fireplace or other location provided by the Authority for the purpose.

(2) No person who lights a fire in a conservation area shall leave the fire unattended or leave the site of the fire before the fire is completely extinguished. O. Reg. 210/73, s. 14.

15. Except in conservation areas that have been designated and posted by the Authority for hunting and archery, no person other than a peace officer shall possess an air-gun, fire-arm, sling-shot, or archery equipment in a conservation area. O. Reg. 210/73, s. 15.

16. No person shall occupy a camp-site except under the authority of a camp-site permit issued by the Secretary-Treasurer. O. Reg. 210/73, s. 16.

17.—(1) Sections 87, 93, 94 and 98 of *The Highway Traffic Act* apply to the operation of vehicles on roads under the jurisdiction of the Authority.

(2) No person shall,

(a) operate a vehicle within a conservation area except on a roadway or other place designated by the Authority for the purpose;

(b) operate a vehicle at a speed in excess of 15 miles per hour on any road under the jurisdiction of the Authority, except where otherwise posted by the Authority;

(c) park a vehicle within a conservation area on any roadway or adjacent to any roadway, except where otherwise posted by the Authority;

(d) park a vehicle on any grassy part of a conservation area except where such part

is posted as a parking area or is designated by an officer as a parking area;

(e) operate a public commercial vehicle, as defined in *The Public Commercial Vehicles Act*, within a conservation area for commercial purposes, except for the purpose of making deliveries within the conservation area.

(3) Any officer may direct traffic and, in cases of fire, accident, traffic congestion or other emergency, may direct it into such channels as are necessary to prevent or relieve congestion or give right of way.

(4) Every person shall obey any direction given under subsection 3. O. Reg. 210/73, s. 17.

18.—(1) No person shall operate a motorized snow vehicle in a conservation area except in a part thereof that is designated by the Authority for the purpose and unless a permit therefor has been issued by the Secretary-Treasurer.

(2) Every operator of a motorized snow vehicle shall produce the permit issued therefor by the Secretary-Treasurer for inspection by an officer upon request.

(3) No person shall operate a motorized snow vehicle in a conservation area except where a permit under *The Motorized Snow Vehicles Act* has been issued therefor:

(4) No person shall operate a motorized snow vehicle in a conservation area unless he is insured under a motor vehicle liability policy in accordance with *The Insurance Act* in respect thereof.

(5) No permit issued under this Regulation is transferable. O. Reg. 210/73, s. 18.

19.—(1) A Conservation area or any part thereof may be closed entirely during such specified periods of time as the Authority determines and no person shall enter upon or occupy such conservation area or any part thereof during the times posted.

(2) A conservation area or any part thereof may be closed to certain uses during such specified periods of time as the Authority determines and no person shall enter upon or occupy such conservation area or any part thereof for such specified uses during the times posted. O. Reg. 210/73, s. 19.

20. The following persons are appointed officers to enforce any regulation made under section 27 or 28 of the Act:

1. Members of the Ontario Provincial Police Force.

2. Members of any municipal police force operating within an area under the jurisdiction of the Authority.

3. Staff members of the Authority. O. Reg. 210/73, s. 20.

21. The penalty for a breach of this Regulation is a fine not exceeding \$100. O. Reg. 210/73, s. 21.

THE MATTAGAMI VALLEY CONSERVATION  
AUTHORITY:

H. R. BIELEK  
*Chairman*

E. B. MARTIN  
*Secretary-Treasurer*

Dated at Timmins, this 30th day of January,  
1973.

(5307) 17

THE CONSERVATION AUTHORITIES ACT

O. Reg. 211/73.  
Fill, Construction and Alteration to Water-  
ways—Credit Valley.  
Made—March 7th, 1973.  
Approved—April 4th, 1973.  
Filed—April 9th, 1973.

REGULATION MADE UNDER  
THE CONSERVATION AUTHORITIES ACT  
FILL, CONSTRUCTION AND ALTERATION  
TO WATERWAYS—CREDIT VALLEY

INTERPRETATION

1. In this Regulation,
- (a) "Authority" means The Credit Valley Conservation Authority;
  - (b) "building or structure" means a building or structure of any kind;
  - (c) "fill" means earth, sand, gravel, rubble, rubbish, garbage or any other material whether similar to or different from any of the aforementioned materials, used or capable of being used to raise, lower or in any way affect the contours of the ground;
  - (d) "fill line" means any line designated as such on the maps referred to in the schedules;
  - (e) "river", "lake", "creek", "stream" or "watercourse" means any river, lake, creek, stream or watercourse under the jurisdiction of the Authority; and

- (f) "regional storm" means a storm producing in a forty-eight hour period, in a drainage area of,
- (i) ten square miles or less, a rainfall that has the distribution set out in Table 1, or
  - (ii) more than ten square miles, a rainfall such that the number of inches of rain referred to in each case in Table 1 shall be modified by the percentage amount shown in Column 2 of Table 2 opposite the size of the drainage area set out opposite thereto in Column 1 of Table 2.

TABLE 1

2.90 inches of rain in the first 36 hours
0.25 inches of rain in the 37th hour
0.17 inches of rain in the 38th hour
0.25 inches of rain in the 39th hour
0.50 inches of rain in the 40th hour
0.66 inches of rain in the 41st hour
0.50 inches of rain in the 42nd hour
0.91 inches of rain in the 43rd hour
0.50 inches of rain in the 44th hour
0.50 inches of rain in the 45th hour
2.08 inches of rain in the 46th hour
1.49 inches of rain in the 47th hour
0.50 inches of rain in the 48th hour

TABLE 2

COLUMN 1	COLUMN 2
Drainage Area (square miles)	Percentage
11 to 17 both inclusive	99.2
18 to 25 both inclusive	98.2



COLUMN 1	COLUMN 2
Drainage Area (square miles)	Percentage
26 to 35 both inclusive	97.1
36 to 45 both inclusive	96.3
46 to 55 both inclusive	95.4
56 to 65 both inclusive	94.8
66 to 75 both inclusive	94.2
76 to 85 both inclusive	93.5
86 to 95 both inclusive	92.7
96 to 105 both inclusive	92.0
106 to 175 both inclusive	89.4
176 to 225 both inclusive	86.7
226 to 275 both inclusive	84.0
276 to 325 both inclusive	82.4
326 to 375 both inclusive	80.8
376 to 450 both inclusive	79.3
451 to 550 both inclusive	76.6
551 to 650 both inclusive	74.4
651 to 750 both inclusive	73.3
751 to 850 both inclusive	71.7
851 to 950 both inclusive	70.2
951 to 1050 both inclusive	69.0
1051 to 1750 both inclusive	64.4
1751 to 2250 both inclusive	61.4
2251 to 2750 both inclusive	58.9
2751 to 3000 both inclusive	57.4

O. Reg. 211/73, s. 1.

2. The areas described in the schedules are areas in which, in the opinion of the Authority the control of flooding or pollution or the conservation of land may be affected by the placing or dumping of fill. O. Reg. 211/73, s. 2.

3. Subject to section 4, no person shall,

- (a) construct any building or structure or permit any building or structure to be constructed in or on a pond or swamp or in any area susceptible to flooding during a regional storm;
- (b) place or dump fill of any kind or permit fill to be placed or dumped in the areas described in the schedules, whether such fill is already located in or upon such area or brought to or on such area from some other place or places; or
- (c) straighten, change, divert or interfere in any way with the existing channel of a river, creek, stream or watercourse. O. Reg. 211/73, s. 3.

4. Subject to *The Ontario Water Resources Act* or to any private interest, the Authority may permit in writing the construction of any building or structure or the placing or dumping of fill or the straightening, changing, diverting or interfering with the existing channel of a river, creek, stream or watercourse to which section 3 applies if, in the opinion of the Authority, the site of the building or structure or the placing or dumping and the method of construction or placing or dumping or the straightening, changing, diverting or interfering with the existing channel will not affect the control of flooding or pollution or the conservation of land. O. Reg. 211/73, s. 4.

5. No person shall commence to construct any building or structure or dump or place fill or straighten, change, divert or interfere with the existing channel of a river, creek, stream or watercourse in any area to which section 3 applies before permission to do so has been obtained under section 4. O. Reg. 211/73, s. 5.

6.—(1) A signed application for permission to construct a building or structure shall be filed with the Manager/Secretary-Treasurer of the Authority and shall include,

- (a) four copies of a plan of the property showing the proposed location of the building or structure, its elevation and the proposed final grade plan;
- (b) four copies of a complete description of the type of building or structure to be constructed, including drainage details;



- (c) four copies of a statement of the dates between which the construction will be carried out; and
- (d) four copies of a statement of the proposed use of the building or structure following completion of the construction.

(2) A signed application for permission to place or dump fill shall be filed with the Manager/Secretary-Treasurer of the Authority and shall include,

- (a) four copies of a plan of the property on which the fill is to be placed, showing the proposed location of filling, the depth to which it is proposed to fill and the proposed final grade of the land when filling is completed;
- (b) four copies of a complete description of the type of fill proposed to be placed or dumped;
- (c) four copies of a statement of the dates between which the placing or dumping will be carried out; and
- (d) four copies of a statement of the proposed use of the land following completion of placing or dumping.

(3) A signed application for permission to straighten, change, divert or interfere in any way with the existing channel of a river, creek, stream or watercourse shall be filed with the Manager/Secretary-Treasurer of the Authority and shall include,

- (a) four copies of a plan on which shall be shown in plan view and cross section the details of such straightening, change, diversion or interference;
- (b) four copies of a description of the protective measures to be undertaken;
- (c) four copies of a statement of the dates between which the straightening, changing, diverting or interfering will be carried out; and
- (d) four copies of a statement of the purpose of the proposed work. O. Reg. 211/73, s. 6.

7. The Authority may, at any time, withdraw any permission given under this Regulation if, in the opinion of the Authority, the conditions of the permit are not complied with. O. Reg. 211/73, s. 7.

8. Ontario Regulation 84/71 is revoked.

### Schedule 1

To include all lands within the valley of the Credit River between Lake Ontario and the Credit Forks Station shown delineated by a broken heavy line on the Credit River flood plain plans one to twenty-five filed in the Office of the Registrar of Regulations at Toronto as Numbers 1303 to 1327, both inclusive. O. Reg. 211/73, Sched. 1.

### Schedule 2

To include all lands within the valley of Silver Creek between the junction with the Credit River at Norval and number twenty-two side road shown delineated by a broken heavy line on Silver Creek flood plain plans one to five filed with the Registrar of Regulations at Toronto as Numbers 1328 to 1332, both inclusive. O. Reg. 211/73, Sched. 2.

### Schedule 3

To include all lands within the valley of Fletchers Creek in the Town of Brampton between Steeles Avenue and the dividing line between lots eight and nine and as indicated on the Town of Brampton, Fletcher Creek Open Space By-Law plan filed with the Registrar of Regulations at Toronto as Number 1333. O. Reg. 211/73, Sched. 3.

### Schedule 4

To include all lands within the valley of Cooksville Creek between Lake Ontario and Dundas Street shown delineated by a broken heavy line on plans one to three filed with the Registrar of Regulations at Toronto as Numbers 1334 to 1336, both inclusive. O. Reg. 211/73, Sched. 4.

### Schedule 5

To include all lands within the valley of Silver Creek within lots 25, 26 and 27, Concession VIII, lots 25, 26, 27, 28 and 29, Concession IX and lots 27, 28 and 29, Concession X, in the Township of Esquesing shown on plans one and two filed with the Registrar of Regulations at Toronto as Numbers 1337 and 1338. O. Reg. 211/73, Sched. 5.

### Schedule 6

To include all lands within a portion of the Town of Mississauga Waterfront Area between the line marking the southwesterly limit of the Town of Port Credit and Clarkson Road South and bounded on the northwest by Lakeshore Road West being King's Highway Number 2, shown delineated by a solid heavy line on plans one and two filed with the Registrar of Regulations at Toronto as Numbers 1541 and 1542. O. Reg. 211/73, Sched. 6.

### Schedule 7

To include all lands within the valley of the watercourse between the Queen Elizabeth Way and

Mineola Road shown delineated by a solid heavy line on the contour plan filed in the office of the Registrar of Regulations at Toronto as Number 1543. O. Reg. 211/73, Sched. 7.

## Schedule 8

To include all lands within the valley of the watercourse between the Credit River Valley and a point upstream from Creditview Road shown delineated by a solid heavy line on the contour plan filed in the office of the Registrar of Regulations at Toronto as Number 1544. O. Reg. 211/73, Sched. 8.

CREDIT VALLEY CONSERVATION AUTHORITY:

R. K. McMILLAN  
*Chairman*

D. O'CONNOR  
*Deputy-Treasurer*

Dated at Meadowvale this 7th day of March, 1973.

(5308)

17

## THE GAME AND FISH ACT

O. Reg. 212/73.

Furs.

Made—April 4th, 1973.

Filed—April 9th, 1973.

## REGULATION MADE UNDER THE GAME AND FISH ACT

1. Section 1 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.
2. Subsection 3 of section 2 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(3) A licence in Form 2 expires with the 30th day of June next following the date on which it is issued. O. Reg. 212/73, s. 2.

3. Section 8 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.
4. Section 9 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  9. A licence issued for a resident to hunt or trap fur bearing animals shall be in Form 2. O. Reg. 212/73, s. 4.
5. Section 10 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

10. The holder of a licence in Form 2 may hunt or trap in the open season not more than the quota of beaver, fisher, lynx, marten, wolverine, or any other furbearer as shown on his licence. O. Reg. 212/73, s. 5.

- 6.—(1) Clause *b* of subsection 1 of section 13 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.
- (2) Subsection 2 of the said section 13 is revoked.
7. Form 1 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked.
8. Form 2 of Regulation 367 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

## Form 2

Trapper's Number

[illegible]

Licence Fee:

## MINISTRY OF NATURAL RESOURCES

19

### TRAPPERS' LICENCE

Under *The Game and Fish Act* and the regulations, and subject to the limitations thereof, this licence is granted to:

Please Print Surname First—Then Christian Name  
or Initials

[illegible]

OF

[illegible][illegible]

Ontario.

to hunt and trap fur-bearing animals during the open season in the parts of Ontario described as follows: \_\_\_\_\_



But excepting therefrom all privately owned land on which the licensee does not have written permission to trap, from the owner.

DESCRIPTION:	STATUS CODE	QUOTAS:
Age <input type="text"/>	A means new trapper <input type="text"/>	Beaver. <input type="text"/>
Height. ....	B means no change in trapper number from last year	Fisher. ....
Weight. ....	C means trapper has a number different from last year.	Lynx. ....
Colour of Hair. . .		Marten. ....
Colour of Eyes. .		Wolverine. . .
		Other. ....

This Licence expires on the 30th day of June 19..

Signature of Issuer Signature of Licensee

Month Day  
Date of Issue

O. Reg. 212/73, s. 8.

9. Forms 5 and 6 of Regulation 367 of Revised Regulations of Ontario, 1970 are revoked.

(5309)

17

### THE HIGHWAY TRAFFIC ACT

#### O. Reg. 213/73.

Parking.  
Made—April 4th, 1973.  
Filed—April 9th, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Paragraph 10 of Schedule 6 to Regulation 421 of Revised Regulations of Ontario, 1970, as made by section 2 of Ontario Regulation 541/72, is revoked and the following substituted therefor:
10. That part of the King's Highway known as No. 11 in the former Township of Stephenson in The District Municipality of Muskoka commencing at a point situate 2650 feet measured northerly from its intersection with the centre line of the road allowance between concessions 8 and 9 and extending northerly therealong for a distance of 1000 feet more or less.

(5310)

17

### THE CROP INSURANCE ACT (ONTARIO)

#### O. Reg. 214/73.

Designation of Insurable Crops.  
Made—April 4th, 1973.  
Filed—April 10th, 1973.

### REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

1. Section 2 of Ontario Regulation 320/72, as remade by section 1 of Ontario Regulation 536/72, is amended by adding thereto the following item:

12a. Tobacco.

(5311)

17

### THE CROP INSURANCE ACT (ONTARIO)

#### O. Reg. 215/73.

Crop Insurance Plan—Flue-Cured Tobacco.  
Made—March 9th, 1973.  
Approved—April 4th, 1973.  
Filed—April 10th, 1973.

### REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

#### CROP INSURANCE PLAN—FLUE-CURED TOBACCO

1. The plan in the Schedule is established for the insurance within Ontario of flue-cured tobacco.  
O. Reg. 215/73, s. 1.

#### Schedule

*The Crop Insurance Act (Ontario)*

#### PLAN

1. This plan may be cited as "The Ontario Crop Insurance Plan for Flue-cured Tobacco".

2. The purpose of this plan is to provide for insurance against a loss in the production of flue-cured tobacco resulting from one or more of the perils designated in section 4.

#### INTERPRETATION

3. In this plan,

- (a) "average farm yield" means the average of previous yields of the planted acreage computed by the Commission on the basis of acreage production records of the insured person or on such other basis as the Commission determines;



- (b) "experience ratio" means the ratio determined by the Commission calculated by dividing the average production of the three lowest yielding years of the preceding six years by the average yield;
- (c) "flue-cured tobacco" means tobacco grown in Ontario under authorization of The Ontario Flue-cured Tobacco Growers' Marketing Board.

## DESIGNATION OF PERILS

4. The following are designated as perils for the purpose of this plan:

1. Drought.
2. Excessive rainfall.
3. Flood.
4. Frost.
5. Hail.
6. Insect infestation.
7. Plant disease.
8. Wind.

## DESIGNATION OF CROP YEAR

5. The crop year for flue-cured tobacco is the period from the 1st day of March in any year to completion of harvest.

## CONTRACT OF INSURANCE

6. For the purposes of this plan, the entire contract of insurance for flue-cured tobacco shall be deemed to be comprised of,

- (a) the contract of insurance in the form prescribed by Regulation 156 of Revised Regulations of Ontario, 1970;
  - (b) an endorsement for flue-cured tobacco in Form 1;
  - (c) the application for insurance in Form 2; and
  - (d) any amendment to a document referred to in clause a, b or c agreed upon in writing.
7. An application for insurance shall,
- (a) be in Form 2;
  - (b) be accompanied by a premium deposit of at least \$100; and

- (c) be filed with the Commission not later than the 1st day of May in the crop year in respect of which it is made or on or before such other date as may be determined from time to time by the Commission.

## DURATION OF CONTRACT

8.—(1) A contract of insurance shall be in force for the crop year in respect of which it is made unless it is terminated in accordance with the regulations.

(2) Notwithstanding subsection 1, the contract does not insure against and no indemnity shall be paid in respect of any loss or damage which occurs prior to noon on the 24th day of May in the crop year.

## COVERAGE

9.—(1) The coverage provided in each crop year under a contract of insurance shall be the percentage of the average yield in pounds of the insured person appearing opposite his experience ratio as determined by the Commission in the column for the premium rate selected by the insured person all according to the Table.

(2) The number of pounds determined under subsection 1 constitutes the total guaranteed production under a contract of insurance.

(3) Where in the opinion of the Commission, the insured person cannot provide adequate records for the preceding six years of production, the average yield and the experience ratio shall be determined by the Commission on such other basis as it may approve.

10. The maximum amount for which the Commission is liable for a loss in production under a contract of insurance shall be the amount obtained by multiplying the total guaranteed production determined under section 9 by the established price per pound prescribed in section 11.

11. For the purposes of this plan, the established price for flue-cured tobacco is 50 cents per pound.

## PREMIUMS

12.—(1) The premium payable by an insured person in the crop year shall be calculated by the Commission on the basis of,

- (a) the experience ratio of the insured person;
- (b) the average yield; and
- (c) the established price per pound determined under section 11.

(2) The premium prescribed by subsection 1 includes payments in respect of premiums made by,

(a) the Government of Canada under the *Crop Insurance Act* (Canada); and

(b) the Government of Ontario under subsection 2 of section 7 of the Act.

(3) Premium discounts provided by Regulation 158 of Revised Regulations of Ontario, 1970 are not applicable to any premiums payable under this plan. O. Reg. 215/73, Schedule.

### Form 1

#### *The Crop Insurance Act (Ontario)*

#### FLUE-CURED TOBACCO ENDORSEMENT

WHEREAS the insured person has applied for crop insurance for flue-cured tobacco under The Ontario Crop Insurance Plan for Flue-cured Tobacco, hereinafter referred to as "the plan", and has paid the deposit premium prescribed thereunder;

NOW THEREFORE, subject to *The Crop Insurance Act* (Ontario) and the regulations made thereunder, the contract of insurance between The Crop Insurance Commission of Ontario and the insured person is hereby extended to cover flue-cured tobacco.

#### HARVESTING OF SEEDED ACREAGE

1. All acreage seeded to flue-cured tobacco in a crop year shall be harvested unless the Commission, upon application therefor in writing, consents in writing to,

(a) the use of the seeded acreage or any part thereof for another purpose; or

(b) the abandonment or destruction of the insured crop or any part thereof.

#### EVALUATION OF LOSS

2. For the purpose of determining the loss in production of flue-cured tobacco in a crop year and the indemnity payable therefor, the value of the crop shall progress through the stages prescribed in paragraphs 3, 4, 5 and 6.

#### STAGE 1

3.—(1) Stage 1 comprises the period from noon on the 24th day of May until noon on the 15th day of June in the crop year.

(2) Where loss or damage occurs in Stage 1, the Commission upon application therefor in writing by the insured person may consent in writing to,

(a) one replanting of the damaged acreage and, in such case, the replanting shall be completed not later than the 15th day of June in the crop year or not later than such other date as may be determined from time to time by the Commission; or

(b) the use of the damaged acreage for any other purpose or to the abandonment or destruction of the insured crop on such damaged acreage and, in such case, the Commission shall determine the number of damaged acres and the potential production thereof.

(3) Where the damaged acreage is in excess of five acres and is replanted to the insured crop in accordance with clause a of subparagraph 2, the contract of insurance shall continue to apply to such replanted acreage and the Commission shall pay a supplementary benefit of \$30 per acre replanted to the insured person.

(4) The replanting referred to in this paragraph may not be carried out by hand.

(5) Where the damaged acreage is used for any other purpose or the insured crop is abandoned or destroyed in accordance with clause b of subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total planted acreage shall be calculated by multiplying 60 per cent of the guaranteed production for the damaged acreage by the established price per pound.

(6) Where the damaged acreage is not used for any other purpose or the crop is not abandoned or destroyed after the Commission has consented thereto, the amount of loss calculated under subparagraph 5 shall not be taken into account in the final adjustment of loss.

(7) Notwithstanding any application made in writing by the insured person under this paragraph, the Commission may, where loss or damage occurs in Stage 1, notify the insured person in writing that it intends to terminate the insurance coverage on such damaged acreage and to calculate the amount of loss in the manner prescribed in subparagraph 5 with respect to such damaged acreage and, where notice of such intention has been given, the Commission shall calculate accordingly the amount of loss to be taken into account in the final adjustment of loss and the value of the insured crop on such damaged acreage shall not progress beyond Stage 1.

#### STAGE 2

4.—(1) Stage 2 commences at noon on the 15th day of June in the crop year and ends at noon on the 1st day of August.

(2) Where loss or damage occurs in Stage 2, the Commission, upon application therefor in writing by the insured person, may consent in writing to the abandonment or destruction of the insured crop on such damaged acreage and, in such case, the Commission shall determine the number of damaged acres and the potential production thereof.



(3) Where the insured crop is abandoned or destroyed in accordance with subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total planted acreage shall be calculated by multiplying 80 per cent of the guaranteed production for the damaged acreage by the established price per pound.

(4) Where the crop is not abandoned or destroyed after the Commission has consented thereto, the amount of loss calculated under subparagraph 3 shall not be taken into account in the final adjustment of loss.

(5) Notwithstanding any application made in writing by the insured person under this paragraph, the Commission may, where loss or damage occurs in Stage 2, notify the insured person in writing that it intends to terminate the insurance coverage on such damaged acreage and to calculate the amount of loss in the manner prescribed in subparagraph 3 with respect to such damaged acreage and, where notice of such intention has been given, the Commission shall calculate accordingly the amount of loss to be taken into account in the final adjustment of loss and the value of the insured crop on such damaged acreage shall not progress beyond Stage 2.

STAGE 3

5.—(1) Stage 3 commences at noon on the 1st day of August in the crop year and, with respect to any part of the seeded acreage, ends with the completion of harvesting of such part.

(2) Where loss or damage occurs in Stage 3, the Commission, upon application therefor in writing by the insured person, may consent in writing to the abandonment or destruction of the insured crop on such damaged acreage and, in such case, the Commission shall determine the number of damaged acres and the potential production thereof.

(3) Where the insured crop is abandoned or destroyed in accordance with subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total seeded acreage shall be calculated by multiplying the guaranteed production for the damaged acreage by the established price per pound.

(4) Where the crop is not abandoned or destroyed after the Commission has consented thereto, the amount of loss calculated under subparagraph 3 shall not be taken into account in the final adjustment of loss.

FINAL ADJUSTMENT OF LOSS FOR TOTAL  
PLANTED ACREAGE

6. The indemnity payable with respect to the total planted acreage in the final adjustment of loss shall be the sum of all Stage 1, Stage 2 and Stage 3 loss calculations applicable to such acreage, but where the actual production of any acreage exceeds the guaranteed production of such acreage, the indemnity otherwise payable shall be reduced by the amount obtained by multiplying such excess by the established price per pound.

VARIATION IN PLANTED ACREAGE

7. Where the actual planted acreage of the insured crop is less than the acreage stated in the application, the insured person shall, not later than the 1st day of August, notify the Commission in writing and the total guaranteed production and the maximum amount of indemnity shall be reduced proportionately.

IN WITNESS WHEREOF The Crop Insurance Commission of Ontario has caused this endorsement to be signed by its general manager but the same shall not be binding upon the Commission until countersigned by a duly authorized representative thereof.

Countersigned and dated at.....,

this.....day of....., 19...

.....	.....
Duly Authorized Representative	General Manager



Experience Ratio	3%	4%	5%	6%	7%	Premium Rate		9%	10%
	8%								
84	80								
82		80				Percentage Coverage			
80			80						
78				80					
76					80				
74						80			
72							80		
70 or less									80
Premium Rates are subject to a surcharge of \$1 per acre planted to cover replanting benefit.									

O. Reg. 215/73, Table.

Form 2

The Crop Insurance Act (Ontario)

APPLICATION FOR CROP INSURANCE

To: The Crop Insurance Commission of Ontario:

The undersigned whose name and address appears below, hereby applies for crop insurance under *The Crop Insurance Act (Ontario)* and the regulations, and in support of this application the following facts are stated:

1. The applicant is the owner-operator or tenant-operator of the farm or farms described in paragraph 4.
2. Crop Insurance Plan..... 3. Crop Year.....
4. Description of farm or farms and acreage grown to insured crop:

Farm Number	Lot	Concession	Township	County	Owner or Tenant

5. The applicant agrees to insure all acreage grown to the insured crop.
6. Coverage applied for as calculated by the Commission is:

Average Farm Yield	Guarantee (Pounds)	Experience Ratio	Premium Rate	Applicant's Cost Per Acre	Amount of Insurance

7. A deposit of \$.....(minimum \$100) accompanies this application.
8. The applicant hereby agrees to pay to the Commission the premium balance upon demand.
9. The following farms and acreage allotment will be grown this year:

Farm Number	Acreage To Be Planted	Farm Number	Acreage To Be Planted
1.		5.	
2.		6.	
3.		7.	
4.		8.	

Dated at ....., this.....day of ....., 19...

.....  
(signature of applicant)

10. This application is not valid unless mailed prior to May 1st.

ASSIGNMENT OF INDEMNITY

I hereby assign my right to any indemnity under the Tobacco insurance contract as follows:

1st Assignment .....  
(name)

.....  
(address)

2nd Assignment .....  
(name)

.....  
(address)

.....  
(signature of applicant)

.....  
(witness)

O. Reg. 215/73, Form 2.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.

**THE LIQUOR CONTROL ACT****O. Reg. 216/73.**

Detoxification Centres.

Made—April 4th, 1973.

Filed—April 11th, 1973.

**REGULATION MADE UNDER  
THE LIQUOR CONTROL ACT**

1. The Schedule to Ontario Regulation 455/72, as amended by Ontario Regulations 556/72 and 143/73, is further amended by adding thereto the following item:
  5. The Detoxification Centre of Hamilton Civic Hospital, Hamilton
- (5313) 17

**THE ENVIRONMENTAL PROTECTION  
ACT, 1971****O. Reg. 217/73.**

General.

Made—April 4th, 1973.

Filed—April 12th, 1973.

**REGULATION MADE UNDER  
THE ENVIRONMENTAL PROTECTION  
ACT, 1971**

1. Section 1 of Regulation 824 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:
- 25a. "organic soil conditioning" means the incorporation of processed organic waste in the soil to improve its characteristics for crop or ground cover growth;
- 27a. "processed organic waste" means waste that is predominantly organic in composition and has been treated by aerobic or anaerobic digestion, or other means of stabilization, and includes sewage residue from sewage works that are subject to the provisions of *The Ontario Water Resources Act*;
2. Section 2 of Regulation 824 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:
- 9a. Processed organic waste.
3. Section 4 of Regulation 824 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:

7a. Organic soil conditioning site.

4. Section 6 of Regulation 824 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following item:

6. Organic waste management system.

- 5.—(1) Subsection 1 of section 10 of Regulation 824 of Revised Regulations of Ontario, 1970, exclusive of the paragraphs, is revoked and the following substituted therefor:

(1) The following are prescribed as standards for the location, maintenance and operation of a landfilling site:

- (2) Paragraphs 6 and 7 of subsection 1 of the said section 10 are revoked and the following substituted therefor:

6. Where necessary to isolate a landfilling site and effectively prevent the egress of contaminants, adequate measures to prevent water pollution shall be taken by the construction of berms and dykes of low permeability.

7. Where there is a possibility of water pollution resulting from the operation of a landfilling site, samples shall be taken and tests made by the owner of the site to measure the extent of egress of contaminants and, if necessary, measures shall be taken for the collection and treatment of contaminants and for the prevention of water pollution.

- (3) Subsection 2 of the said section 10 is revoked.

- 6.—(1) Subsection 1 of section 11 of Regulation 824 of Revised Regulations of Ontario, 1970, exclusive of the paragraphs, is revoked and the following substituted therefor:

(1) The following are prescribed as standards for the location, maintenance and operation of an incineration site:

- (2) Paragraph 5 of subsection 1 of the said section 11, exclusive of the subparagraphs, is revoked and the following substituted therefor:

5. The following equipment shall be provided as necessary for particular applications:

- (3) Subsection 2 of the said section 11 is revoked.

- 7.—(1) Subsection 1 of section 12 of Regulation 824 of Revised Regulations of Ontario, 1970, exclusive of the paragraphs, is revoked and the following substituted therefor:



(1) The following are prescribed as standards for the location, maintenance and operation of a dump:

(2) Paragraph 8 of subsection 1 of the said section 12 is revoked and the following substituted therefor:

8. The operator of a dump shall apply such cover material at such intervals as is necessary to prevent harm or material discomfort to any person.

(3) Subsection 2 of the said section 12 is revoked.

8.—(1) Subsection 1 of section 14 of Regulation 824 of Revised Regulations of Ontario, 1970, exclusive of the paragraphs, is revoked and the following substituted therefor:

(1) The following are prescribed as standards for the operation of a waste management system:

(2) Subsection 2 of the said section 14 is revoked.

9. Regulation 824 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

13a. The following are prescribed as standards for the location, maintenance and operation of an organic soil conditioning site:

1. The site shall be so located that it is an adequate distance from any watercourse, as determined by the land slope, to prevent direct surface drainage to the watercourse.
2. The site shall be at least 300 feet from the nearest individual dwelling.
3. The site shall be at least 1,500 feet from any area of residential development.
4. The site shall be so located that the maximum level of the ground water table at the site is at a sufficient distance below the surface to prevent the impairment of ground water in aquifers as determined by the permeability of the soil.
5. The site shall be at least 300 feet from any water wells.
6. No processed organic waste shall be applied to the site during any period in which conditions are such that surface runoff is likely to occur taking into account land slope, soil permeability and the climatic conditions of the area.
7. The site shall be established only on land that is, or is intended to be, used for pasture, fallow or the growing of forage crops,

a. during the current growing season, or

b. where application of the processed organic waste is made sometime after the current growing season, to the end of the subsequent growing season.

8. Berms and dykes of low permeability shall be constructed on the site where necessary to isolate the site and effectively prevent the egress of contaminants. O. Reg. 217/73, s. 9.

(5325)

17

## THE HEALTH INSURANCE ACT, 1972

### O. Reg. 218/73.

General.

Made—April 4th, 1973.

Filed—April 12th, 1973.

## REGULATION MADE UNDER THE HEALTH INSURANCE ACT, 1972

1. Ontario Regulation 323/72, as amended by Ontario Regulation 580/72, is further amended by adding thereto the following section:

48a.—(1) Laboratory services are insured services when authorized by a physician and performed by,

(a) a laboratory licensed under *The Public Health Act* to perform the laboratory services for which payment is claimed; or

(b) a Public Health Laboratory listed in Schedule 12.

(2) Payments for insured laboratory services shall be 90 per cent of the laboratory fees listed in the schedule of fees of the Ontario Medical Association in effect on the 1st day of May, 1971.

(3) Payment for an insured laboratory service may only be made,

(a) to the licensee of the laboratory which performed the service;

(b) upon the licensee submitting an account therefor to the Plan; and

(c) if the licensee accepts the payment as constituting payment in full for the service. O. Reg. 218/73, s. 1.

2. Item 8 of section 49 of Ontario Regulation 323/72 is revoked and the following substituted therefor:

8. Laboratory services, except,

(a) laboratory services prescribed in section 48a; and

(b) simple procedures, as defined in Ontario Regulation 483/72, carried out by a physician for the purpose of the diagnosis or treatment of a patient.

3. Section 49 of Ontario Regulation 323/72 is amended by adding thereto the following item:

12. Clinical pathology, except when authorized by a physician and performed,

(a) by a laboratory mentioned in clause a or clause b of subsection 1 of section 48a; or

(b) by or under the direction of any other person authorized by law.

4. Ontario Regulation 323/72, as amended by Ontario Regulation 580/72, is further amended by adding thereto the following section:

54a. Where an insured person, while outside Ontario, receives services rendered by a laboratory and authorized by a physician practising outside Ontario, the General Manager may cause to be paid to or on behalf of such insured person the amount prescribed by subsection 2 of section 48a. O. Reg. 218/73, s. 4.

5. Subsection 8 of section 56 of Ontario Regulation 323/72 is revoked and the following substituted therefor:

(8) Each Public Health Laboratory listed in Schedule 12 is designated as a health facility for the purpose of providing laboratory services. O. Reg. 218/73, s. 5.

(5326)

17

## THE PUBLIC HOSPITALS ACT

### O. Reg. 219/73.

Classification of Hospitals.

Made—March 12th, 1973.

Approved—April 4th, 1973.

Filed—April 13th, 1973.

### REGULATION MADE UNDER THE PUBLIC HOSPITALS ACT

- 1.—(1) Item 86b, as made by subsection 3 of section 2 of Ontario Regulation 176/72, and item 88 under the heading "Group B Hospitals" of the Schedule to Regulation 726 of Revised Regulations of Ontario, 1970 are revoked.

- (2) The said Schedule is further amended by re-numbering item 90a as 90b and by adding thereto the following item under the heading "Group B Hospitals":

90a. Windsor Windsor Western Hospital Centre, Inc.

- (3) The said Schedule is further amended by adding thereto the following items under the heading "Group C Hospitals":

5a. Attawapiskat James Bay General Hospital

22a. Fort Albany James Bay General Hospital

- (4) Item 13 under the heading "Group E Hospitals" of the said Schedule is revoked and the following substituted therefor:

13. Windsor Windsor Western Hospital Centre, Inc. (General Rehabilitation Unit)

- (5) Item 8 under the heading "Group F Hospitals" of the said Schedule is revoked and the following substituted therefor:

8. Windsor Windsor Western Hospital Centre, Inc. (Riverview Unit)

- (6) Item 11 under the heading "Group J Hospitals" of the said Schedule is revoked and the following substituted therefor:

11. Windsor Windsor Western Hospital Centre, Inc. (Special Rehabilitation Unit)

- (7) The said Schedule is further amended by adding thereto the following item under the heading "Group K Hospitals":

16. Windsor Essex County Children's Rehabilitation Centre

R. T. POTTER  
Minister of Health

Dated at Toronto, this 12th day of March, 1973.

(5327)

17

# Publications Under The Regulations Act

May 5th, 1973

## THE CROP INSURANCE ACT (ONTARIO)

O. Reg. 220/73.

Crop Insurance Plan—Peas.

Made—March 9th, 1973.

Approved—April 11th, 1973.

Filed—April 16th, 1973.

### REGULATION MADE UNDER THE CROP INSURANCE ACT (ONTARIO)

1. Subsections 2 and 3 of section 8 of the Schedule to Regulation 148 of Revised Regulations of Ontario, 1970, as made by section 1 of Ontario Regulation 171/71, are revoked.

2.—(1) Subparagraphs 2 and 3 of paragraph 4 of Form 1 of Regulation 148 of Revised Regulations of Ontario, 1970, as made by subsection 1 of section 6 of Ontario Regulation 171/71, are revoked.

(2) Paragraph 13 of the said Form 1, as remade by section 3 of Ontario Regulation 231/72, is revoked and the following substituted therefor:

#### EVALUATION OF LOSS

12a. For the purpose of determining loss and the indemnity payable therefor, the value of the crop shall progress through the stages prescribed in paragraphs 12b and 13.

#### STAGE 1

12b.—(1) Stage 1 commences with the completion of seeding the insured crop or any part thereof and ends when any insured acreage is seeded to an alternate crop.

(2) Where loss or damage occurs in Stage 1, the Commission upon application in writing by the insured person, may consent in writing to the use of the damaged acreage for an alternate crop and in such case, the amount of loss that shall be taken into account in the final adjustment of loss shall be calculated by multiplying 50 per cent of the value of the production for each acre of the insured crop by the number of damaged acres sown to an alternate crop.

(3) Where the damaged acreage is not used for an alternate crop after the Commission has con-

sented thereto, the amount of loss calculated under subparagraph 2 shall not be taken into account in the final adjustment of loss.

#### STAGE 2

13.—(1) Stage 2 applies to seeded acreage that has not been seeded to an alternate crop.

(2) The amount of loss that shall be taken into account in the final adjustment of loss is the amount by which the sum of,

(a) an amount obtained by multiplying the amount of dollars per acre coverage by the number of insured acres;

(b) an allowance for the cost of harvesting as set out in the grower-processor contract; and

(c) any Stage 1 loss calculation,

exceeds the sum of,

(d) the total gross income of the insured person from the insured crop as evidenced by the processor's statement of production;

(e) the value as determined by the Commission of the potential production of acreage unharvested for reasons other than the insured perils; and

(f) any loss sustained by reason of a peril other than the perils designated in the plan.

(3) Notwithstanding subparagraph 1, where all or any part of the insured acreage is by-passed due to an insured peril, the Commission, upon application therefor in writing by the insured person, may consent in writing to the release from the contract of insurance of the by-passed acreage and adjust the loss on such acreage without regard to the income from any remaining acreage.

#### THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.

(5340)

18



## THE CROP INSURANCE ACT (ONTARIO)

## STAGE 2

## O. Reg. 221/73.

Crop Insurance Plan—Sweet Corn.

Made—March 9th, 1973.

Approved—April 11th, 1973.

Filed—April 16th, 1973.

REGULATION MADE UNDER  
THE CROP INSURANCE ACT (ONTARIO)

- 1.—(1) Paragraph 19 of Form 1 of Regulation 152 of Revised Regulations of Ontario, 1970, as amended by section 3 of Ontario Regulation 235/72, is revoked and the following substituted therefor:

## EVALUATION OF LOSS

18a. For the purpose of determining the loss in production of sweet corn in a crop year and the indemnity payable therefor, the value of the crop shall progress through the stages prescribed in paragraphs 18b and 18c.

## STAGE 1

18b.—(1) Stage 1 comprises the period from the date on which planting of acreage to sweet corn is completed to and including the 30th day of June in the crop year.

(2) Where loss or damage occurs in Stage 1, the Commission, upon application therefor in writing by the insured person, may consent in writing to,

(a) the replanting of the damaged acreage, provided that the replanting is completed not later than the 30th day of June;

(b) the use of the damaged acreage for an alternate crop; or

(c) the abandonment or destruction of the insured crop on such damaged acreage.

(3) Where the damaged acreage is replanted to sweet corn in accordance with clause a of subparagraph 2, the contract of insurance shall continue to apply to such replanted acreage.

(4) Where the damaged acreage is used for an alternate crop in accordance with clause b of subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss shall be calculated by multiplying 50 per cent of the guaranteed production for the damaged acreage by the established price per ton.

(5) Where the damaged acreage is not used for an alternate crop after the Commission has consented thereto, the amount of loss calculated under subparagraph 4 shall not be taken into account in the final adjustment of loss.

18c.—(1) Stage 2 commences on the 1st day of July in the crop year, and with respect to any part of the planted acreage, ends with the completion of harvesting of such part.

(2) Where loss or damage occurs in Stage 2, the Commission, upon application therefor in writing by the insured person, may consent in writing to the use of the damaged acreage for any other purpose or the abandonment or destruction of the insured crop on such damaged acreage.

(3) Where damaged acreage is used for any other purpose or the insured crop thereon is abandoned or destroyed in accordance with subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total planted acreage shall be calculated by multiplying the difference between the guaranteed production for the damaged acreage and the potential production determined under paragraph 22 by the established price per ton.

19.—(1) Where harvesting has been completed the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total planted acreage shall be calculated by multiplying the difference between the guaranteed production and the actual production by the established price per ton.

(2) For the purpose of subparagraph 1, actual production shall include,

(a) production delivered to and accepted by a processor;

(b) production delivered to and rejected by a processor unless the rejection resulted from a cause of loss designated in paragraph 2;

(c) production harvested but not delivered to a processor; and

(d) potential production of wholly or partially unharvested acreage unless the failure to harvest resulted from a cause of loss designated in paragraph 2.

(3) Notwithstanding subparagraph 1, where all or any part of the insured acreage is by-passed due to an insured peril, the Commission, upon application therefor in writing by the insured person, may consent in writing to the release from the contract of insurance of the by-passed acreage and adjust the loss on such acreage without regard to the production of any remaining acreage.

(2) Paragraph 23 of the said Form 1 is amended by adding thereto the following subparagraph:

(5) The indemnity payable with respect to the total planted acreage in the final adjustment of loss shall be the sum of all Stage 1 and Stage 2 loss calculations applicable to such acreage, but where the actual production of any harvested acreage exceeds the guaranteed production of such acreage, the indemnity otherwise payable shall be reduced by the amount obtained by multiplying such excess by the established price per ton.

THE CROP INSURANCE COMMISSION  
OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.

(5341)

18

THE CROP INSURANCE ACT (ONTARIO)

O. Reg. 222/73.

Crop Insurance Plan—Soybeans.

Made—March 9th, 1973.

Approved—April 11th, 1973.

Filed—April 16th, 1973.

REGULATION MADE UNDER  
THE CROP INSURANCE ACT (ONTARIO)

1. Section 20 of the Schedule to Regulation 150 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

FAILURE TO HARVEST

20. Where the harvesting of any seeded acreage is not completed on the 15th day of November, the insured person shall forthwith notify the Commission in writing. O. Reg. 222/73, s. 1.

- 2.—(1) Subparagraph 2 of paragraph 10 of Form 2 of Regulation 150 of Revised Regulations of Ontario, 1970, is revoked.
- (2) Subparagraph 3 of paragraph 10 of the said Form 2 is revoked and the following substituted therefor:
- (3) Where the harvesting of any seeded acreage is not completed on the 15th day of November, the insured person shall forthwith notify the Commission in writing.

- (3) Subparagraph 3 of paragraph 15 of the said Form 2, as amended by subsection 4 of section 7 of Ontario Regulation 230/72, is revoked and the following substituted therefor:

(3) Where damaged acreage is used for any other purpose or the insured crop thereon is abandoned or destroyed in accordance with subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total seeded acreage shall be calculated by multiplying the difference between the guaranteed production for the damaged acreage and the potential production for the damaged acreage determined under subparagraph 2 by the established price per bushel.

- (4) Paragraph 17 of the said Form 2 is amended by adding thereto the following subparagraph:

(2) Notwithstanding subparagraph 1, where a loss in Stage 2 is reduced by excess production in Stage 3, the value of such excess production shall be calculated on the basis of the established price in Stage 2.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.

(5342)

18

THE CROP INSURANCE ACT (ONTARIO)

O. Reg. 223/73.

Crop Insurance Plan—White Beans.

Made—March 9th, 1973.

Approved—April 11th, 1973.

Filed—April 16th, 1973.

REGULATION MADE UNDER  
THE CROP INSURANCE ACT (ONTARIO)

1. Section 10 of the Schedule to Regulation 154 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 234/72, is revoked and the following substituted therefor:
- 10.—(1) For the purposes of this plan, the established price for white beans is,

(a) where the range of coverage is 55 per cent to 65 per cent, 7 cents per pound; and

(b) where the range of coverage is 70 per cent to 80 per cent,

(i) 3.5 cents per pound, or

(ii) 7 cents per pound.



(2) Notwithstanding subsection 1, the established price for white beans in Stage 2 is,

(a) where the range of coverage is 55 per cent to 65 per cent, 6 cents per pound; and

(b) where the range of coverage is 70 per cent to 80 per cent,

(i) 3 cents per pound, or

(ii) 6 cents per pound.

2. Section 11 of the Schedule to Regulation 154 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

11.—(1) Subject to subsection 2, the range of coverage and established price selected by an applicant at the time a contract of insurance is made applies in each succeeding crop year during which the contract is in force.

(2) Where,

(a) the insured person applies therefor in writing on or before the 1st day of June in a crop year; and

(b) the Commission consents in writing,

any range of coverage or established price designated in sections 9 and 10 may be substituted for the range of coverage or established price substituted in lieu thereof under this section.

3. Section 12 of the Schedule to Regulation 154 of Revised Regulations of Ontario, 1970, as remade by section 4 of Ontario Regulation 234/72, is revoked and the following substituted therefor:

12. The maximum amount for which the Commission is liable under a contract of insurance is the amount obtained by multiplying the total guaranteed production determined under section 9 by the established price per pound prescribed in section 10.

4. Clause *b* of subsection 1 of section 13 of the Schedule to Regulation 154 of Revised Regulations of Ontario, 1970, as remade by section 5 of Ontario Regulation 234/72, is revoked and the following substituted therefor:

(b) for the 70 per cent to 80 per cent coverage range,

(i) \$3 per acre where the established price is 3.5 cents per pound, or

(ii) \$6 per acre where the established price is 7 cents per pound.

5. Section 20 of the Schedule to Regulation 154 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### FAILURE TO HARVEST

20. Where the harvesting of any seeded acreage is not completed on the 20th day of October, the insured person shall forthwith notify the Commission in writing.

6.—(1) Subparagraph 2 of paragraph 10 of Form 2 of Regulation 154 of Revised Regulations of Ontario, 1970 is revoked.

(2) Subparagraph 3 of paragraph 10 of the said Form 2 is revoked and the following substituted therefor:

(3) Where the harvesting of any seeded acreage is not completed on the 20th day of October, the insured person shall forthwith notify the Commission in writing.

(3) Subparagraph 3 of paragraph 15 of the said Form 2, as remade by subsection 3 of section 7 of Ontario Regulation 234/72, is revoked and the following substituted therefor:

(3) Where damaged acreage is used for any other purpose or the insured crop thereon is abandoned or destroyed in accordance with clause *b* of subparagraph 2, the amount of loss that shall be taken into account in the final adjustment of loss in respect of the total seeded acreage shall be calculated by multiplying the difference between the guaranteed production for the damaged acreage and the potential production for the damaged acreage determined under clause *b* of subparagraph 2 by the established price per pound.

(4) Paragraph 17 of the said Form 2 is amended by adding thereto the following subparagraph:

(2) Notwithstanding subparagraph 1, where a loss in Stage 2 is reduced by excess production in Stage 3, the value of such excess production shall be calculated on the basis of the established price in Stage 2.

#### THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.



## THE CROP INSURANCE ACT (ONTARIO)

## O. Reg. 224/73.

Crop Insurance Plan—Tomatoes.

Made—March 9th, 1973.

Approved—April 11th, 1973.

Filed—April 16th, 1973.

REGULATION MADE UNDER  
THE CROP INSURANCE ACT (ONTARIO)

1. Section 3 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

## INTERPRETATION

3. In this plan,

- (a) "area" means an area designated in column 1 of Table 1;
- (b) "average farm yield" means the average of previous yields of the planted acreage computed by the Commission on the basis of acreage production records of the insured person or on such other basis as the Commission determines;
- (c) "experience ratio" means the ration determined by the Commission calculated by dividing the average production of the three lowest yielding years of the preceding six years by the average yield;
- (d) "processor" means a processor of tomatoes who is subject to the provisions of *The Farm Products Marketing Act* and the regulations made thereunder for marketing of tomatoes for processing;
- (e) "tomatoes" means tomatoes produced in Ontario,
  - (i) for processing under a contract between a grower and a processor, and
  - (ii) on acreage or for tonnage specified in such contract;
- (f) "ton" means 2,000 pounds.

2. Section 6 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 172/71, is revoked and the following substituted therefor:

## CONTRACT OF INSURANCE

6. For the purpose of this plan, the entire contract of insurance for tomatoes shall be deemed to be comprised of,

- (a) the contract of insurance in Form 1;
- (b) the application for insurance in Form 2; and
- (c) an amendment to any document referred to in clause *a* or *b* agreed upon in writing.

3. Subsection 2 of section 8 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

- (2) Notwithstanding subsection 1, the contract does not insure against and no indemnity shall be paid in respect of any loss or damage which occurs prior to the insurance commencement date designated in column 2 of Table 1 in respect of the Area in which the insured acreage is situate.

4. Section 9 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

## COVERAGE

- 9.—(1) The coverage provided in each crop year under a contract of insurance shall be the percentage of the average yield in tons of the insured person appearing opposite his experience ratio as determined by the Commission in the column for the premium rate selected by the insured person all according to Table 2.

- (2) The number of tons determined under subsection 1 constitutes the total guaranteed production under a contract of insurance.

- (3) Where in the opinion of the Commission, the insured person cannot provide adequate records for the preceding six years of production, the average yield and the experience ratio shall be determined by the Commission on such other basis as it may approve.

5. Section 10 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

10. The established price for tomatoes shall be,

- (a) \$10;
- (b) \$20; or
- (c) \$30,

per ton.

6. Section 11 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

11. The maximum indemnity for which the Commission is liable under a contract of insurance shall be the amount obtained by multiplying the total guaranteed production determined under section 9 by the established price per ton determined under section 10, but in no case shall the total guaranteed production exceed 80 per cent of the tonnage contracted for.

7. Section 12 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 228/72, is revoked and the following substituted therefor:

PREMIUMS

12.—(1) The premium payable by an insured person in the crop year shall be calculated by the Commission on the basis of,

- (a) the experience ratio of the insured person;
- (b) the average yield; and
- (c) the established price per ton determined under section 10.

(2) Notwithstanding any authorization by an insured person in his application for insurance,

the payment of the premium due in respect of the contract of insurance is the liability of the insured person and such premium shall be paid in any event not later than ten days after written demand for payment thereof by the Commission.

(3) The premium prescribed by subsections 1 and 2 includes payments in respect of premiums made by,

- (a) the Government of Canada under the *Crop Insurance Act* (Canada); and
- (b) the Government of Ontario under subsection 2 of section 7 of the Act.

(4) Premium discounts provided by Regulation 153 of Revised Regulations of Ontario, 1970 are not applicable to any premiums payable under this plan.

8. Section 13 of the Schedule to Regulation 153 of Revised Regulations of Ontario, 1970 is revoked.

9. The Table of Regulation 153 of Revised Regulations of Ontario, 1970, as remade by section 2 of Ontario Regulation 228/72, is revoked and the following substituted therefor:

TABLE 1

COLUMN 1	COLUMN 2
Area	Insurance Commencement Date
Western Area consisting of the counties of Essex, Kent and Lambton.....	Noon Eastern Standard Time May 1st
Central Area consisting of that part of Ontario lying west of that part of the King's Highway known as No. 11, except the counties of Essex, Kent and Lambton.....	Noon Eastern Standard Time May 8th
Eastern Area consisting of that part of Ontario lying east of that part of the King's Highway known as No. 11....	Noon Eastern Standard Time May 15th

10. Regulation 153 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Table:

TABLE 2

Experience Ratio	Premium Rate	3%	4%	5%	6%	7%	8%
Percentage Coverage							
84		80					
82			80				
80				80			
78					80		
76						80	
74 or less							80

Premium Rates are subject to a surcharge of \$4 per acre planted to cover replanting benefit.

O. Reg. 224/73, s. 10.

11.—(1) Clause *b* of paragraph 1 of Form 1 of Regulation 153 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(*b*) on acreage or for tonnage specified in such contract.

(2) Paragraph 8 of the said Form 1 is revoked and the following substituted therefor:

#### INDEMNITY

8. The maximum indemnity payable for a loss in production of the insured crop for the crop year is the amount obtained by multiplying the total guaranteed production by the price per ton established in the plan, but in no case shall the total guaranteed production exceed 80 per cent of the tonnage contracted for.

(3) Paragraph 10 of the said Form 1 is revoked.

(4) Paragraph 13 of the said Form 1, as amended by subsection 1 of section 3 of Ontario Regulation 172/71, is revoked and the following substituted therefor:

#### VARIATION IN PLANTED ACREAGE

13.—(1) Where the acreage planted by the insured person in the crop year is not the same as the acreage stated in the application, the insured person shall, not later than the 10th day of August, notify the Commission in writing of the actual acreage planted.

(2) Where the actual planted acreage of the insured crop is less than the acreage stated in the application, the total guaranteed production and the maximum amount of indemnity shall be reduced proportionately.

(3) Where the actual planted acreage of the insured crop is more than the acreage stated in the application, unless the processor increases the contract acreage or tonnage accordingly, the total guaranteed production, the maximum amount of indemnity and the premium payable shall not be increased but the production from the total planted acreage shall be included in establishing the production of the insured person.

(5) Clause *a* of subparagraph 2 of paragraph 16 of the said Form 1 is revoked and the following substituted therefor:

(*a*) one replanting of the damaged acreage and, in such case, the replanting shall be completed not later than the 10th day of June in the crop year or such other date as may be determined from time to time by the Commission; or

(6) Paragraph 19 of the said Form 1, exclusive of the paragraphs, as remade by section 3 of Ontario Regulation 228/72, is revoked and the following substituted therefor:

#### EXTENDED COVERAGE

19. Where the insured person is unable to plant by reason of one or more of the insured perils,



the coverage provided and the maximum indemnity payable under the contract of insurance shall be increased by an additional \$50 per acre on the following terms and conditions:

12. Form 2 of Regulation 153 of Revised Regulations of Ontario, 1970, as amended by section 4 of Ontario Regulation 172/71 and section 4 of Ontario Regulation 228/72, is revoked and the following substituted therefor:

Form 2

The Crop Insurance Act (Ontario)  
APPLICATION FOR CROP INSURANCE

To: The Crop Insurance Commission of Ontario:

The undersigned whose name and address appears below, hereby applies for crop insurance under *The Crop Insurance Act (Ontario)* and the regulations, and in support of this application the following facts are stated:

1. The applicant is the owner-operator or tenant-operator of the farm or farms described in paragraph 4.
2. Crop Insurance Plan.....
3. Crop Year.....
4. Description of farm or farms and acreage grown to insured crop:

Farm Number	Lot	Concession	Township	County	Owner or Tenant

5. The applicant agrees to insure all acreage grown to the insured crop.
6. Coverage applied for as calculated by the Commission is:

Average Farm Yield	Guarantee (Tons)	Experience Ratio	Premium Rate	Price Options	Applicant's Cost Per Acre	Amount Of Insurance	Check Coverage Applied For

( )  
( )  
( )

7. The applicant hereby authorizes the processor named below to deduct the required premium from moneys owing the applicant from harvested production.

( ) ( )  
Yes No
8. The applicant hereby agrees to pay to the Commission the premium in full upon demand.
9. A Grower's Contract for the crop year applied for is in effect with:

Dated at....., this.....day of....., 19...

.....  
(signature of applicant)

The processor named above hereby undertakes to deduct the premium pursuant to paragraph 7 above and to thereupon remit such premium forthwith to The Crop Insurance Commission of Ontario.

.....  
(signature of agent authorized by processor)

## ASSIGNMENT OF INDEMNITY

Subject to any deduction in respect of premium, I hereby assign to the above mentioned processor all moneys payable by the Commission as a result of loss, up to an amount equal to my total indebtedness to the processor, which was incurred with my written approval for the growing of this crop, and authorize that all moneys payable by the Commission be paid jointly to the processor and myself. O. Reg. 224/73, s. 12.

.....  
(signature of applicant)

.....  
(witness)

O. Reg. 224/73, s. 12.

13. Form 3 of Regulation 153 of Revised Regulations of Ontario, 1970 is revoked.

14. Form 4 of Regulation 153 of Revised Regulations of Ontario, 1970, as made by section 5 of Ontario Regulation 172/71, is revoked.

THE CROP INSURANCE COMMISSION  
OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 9th day of March, 1973.

(5344)

18

## THE HIGHWAY TRAFFIC ACT

## O. Reg. 225/73.

Construction Zones.

Made—April 16th, 1973.

Filed—April 17th, 1973.

REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1. Schedule 1 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

42. That part of the King's Highway known as No. 2 in the Township of Haldimand in the County of Northumberland lying between a point situate 0.25 mile measured easterly from its intersection with the road allowance between lots 16 and 17 in Concession A and a point situate 1000 feet measured easterly from its intersection with the road allowance between lots 8 and 9 in the said Concession A. (Contract No. 72-190).

43. That part of the King's Highway known as No. 2 in the County of Northumberland lying between a point situate at its intersection with the line between lots 34 and 35 in Concession A in the Township of Hamilton and a point situate at its intersection with the westerly limit of the Town of Cobourg.

44. That part of the King's Highway known as No. 2 in the County of Kent commencing at a point situate at its intersection with the easterly limit of the City of Chatham and extending easterly therealong for a distance of 4.8 miles more or less. (W.P. 850-67-01).

45. That part of the King's Highway known as No. 2 in the Township of Darlington in the County of Durham commencing at a point situate at its intersection with the line between lots 16 and 17 in Concession 1 and extending westerly therealong for a distance of 0.5 mile more or less. (Contract No. 72-82) (D-7).

2. Paragraph 42 of Schedule 2 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 1 of Ontario Regulation 56/73, is revoked.

3. Schedule 15 to Regulation 411 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 510/71, is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 7 in the County of Victoria lying between a point situate at its intersection with the King's Highway known as No. 7 in the Township of Mariposa and a point situate at its intersection with the southerly limit of the Village of Woodville. (W.P. 846-67-01).



4. Schedule 17 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:
3. That part of the King's Highway known as No. 53 lying between a point situate at its intersection with the King's Highway known as No. 24 in the Township of Brantford in the County of Brant and a point situate at its intersection with the King's Highway known as No. 2 in the townships of East Oxford and Blandford in the County of Oxford. (D-4).
4. That part of the King's Highway known as No. 53 in the County of Wentworth lying between a point situate at its intersection with the westerly limit of the City of Hamilton and a point situate at its intersection with the King's Highway known as No. 2 in the Township of Ancaster. (D-4).
5. Schedule 24 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:
29. That part of the King's Highway known as No. 401 in the County of Essex lying between a point situate at its intersection with the roadway known as County Road No. 11 in the Township of Rochester and a point situate at its intersection with the King's Highway known as No. 3B in the Township of Sandwich South. (W.P. 630-69-02 and 03).
30. That part of the King's Highway known as No. 401 in the Township of Puslinch in the County of Wellington lying between a point situate at its intersection with the road allowance between Lot 24 in Concession 7 and Lot 26 in Concession 2 and a point situate at its intersection with the line between lots 18 and 19 in Concession 2. (W.P. 118-68-01) (D-3).
6. Schedule 28 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:
4. That part of the King's Highway known as No. 45 in the County of Northumberland lying between a point situate at its intersection with the line between lots 30 and 31 in Concession 5 in the Township of Haldimand and a point situate at its intersection with the road allowance between the townships of Haldimand and Alnwick. (Contract No. 72-194).
7. Schedule 39 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:
13. That part of the King's Highway known as No. 3 in the County of Kent commencing at a point situate at its intersection with the easterly limit of the Town of Blenheim and extending easterly therealong for a distance of 10.0 miles more or less. (W.P. 844-67-01).
8. Schedule 40 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:
15. That part of the King's Highway known as No. 4 in the Township of Stephen in the County of Huron lying between a point situate at its intersection with the line between lots 14 and 15 in Concession 1 and a point situate at its intersection with the line between lots 16 and 17 in the said Concession 1. (W.P. 824-71-01) (D-3).
9. Schedule 42 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:
40. That part of the King's Highway known as No. 7 in the County of Victoria commencing at a point situate 0.75 mile measured westerly from its intersection with the King's Highway known as No. 46 in the Township of Mariposa and extending easterly therealong for a distance of 1.25 miles more or less. (W.P. 846-67-01).
10. Schedule 43 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:
6. That part of the King's Highway known as No. 8 in the County of Huron lying between a point situate at its intersection with the westerly limit of the Town of Seaforth and a point situate at its intersection with the easterly limit of the Town of Clinton. (W.P. 807-69-01) (D-3).
7. That part of the King's Highway known as No. 8 lying between a point situate 1000 feet measured easterly from its intersection with the westerly limit of the Town of Dundas in the County of Wentworth and a point situate at its intersection with the King's Highway known as No. 97 in the City of Cambridge in The Regional Municipality of Kitchener-Waterloo. (D-4).
8. That part of the King's Highway known as No. 8 in the County of Huron lying between a point situate at its intersection with the westerly limit of the Town of Clinton and a point situate at its intersection with the westerly limit of the Town of Goderich. (W.P. 814-66-00) (D-3).
11. Schedule 44 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:
70. That part of the King's Highway known as No. 11 in the Township of Nipigon in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 17 and extending easterly therealong for a distance of 5000 feet more or less. (W.P. 918-65-01) (D-19).
71. That part of the King's Highway known as No. 11 in the Territorial District of Thunder Bay



lying between a point situate 3000 feet measured westerly from its intersection with the roadway known as MacDiarmid Road in Unsurveyed Territory and a point situate at its intersection with the line between Unsurveyed Territory and the Township of Kilkenny. (W.P. 508-64-00) (D-19).

72. That part of the King's Highway known as No. 11 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the Canadian National Railways' right-of-way in the Township of Summers and a point situate at its intersection with the Canadian National Railways' right-of-way in the Township of Leduc. (W.P. 16-71-01) (D-19).

12. Schedule 47 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

78. That part of the King's Highway known as No. 17 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 102 in Dawson Road Lots and a point situate at its intersection with the King's Highway known as No. 7071 in the Township of Golding. (D-19).

13. Schedule 48 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

8. That part of the King's Highway known as No. 21 in the County of Lambton lying between a point situate 2700 feet measured northerly from its intersection with the King's Highway known as No. 7 in the townships of Plympton and Warwick and extending northerly therealong for a distance of 3700 feet more or less.

9. That part of the King's Highway known as No. 21 in the County of Kent lying between a point situate 1000 feet measured southerly from its intersection with the southerly limit of the Village of Thamesville and a point situate at its intersection with the line between lots 14 and 15 in Concession 1 in the Township of Howard.

14. Schedule 72 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 130 in the Township of Paipoonge in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 17 and a point situate at its intersection with the King's Highway known as No. 61. (D-19).

15. Schedule 96 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 25 in the County of Halton lying between a

point situate 1000 feet measured northerly from its intersection with the King's Highway known as No. 5 in the Town of Oakville and a point situate at its intersection with the southerly limit of the Town of Milton. (D-4).

16. Schedule 100 to Regulation 411 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

#### Schedule 100

#### HIGHWAY NO. 18A

1. That part of the King's Highway known as No. 18A in the County of Essex commencing at a point situate at its intersection with the westerly limit of the Town of Kingsville and extending westerly therealong for a distance of 19.4 miles more or less. O. Reg. 225/73, s. 16.

17. Schedule 109 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

7. That part of the King's Highway known as No. 89 in the Township of Minto in the County of Wellington lying between a point situate at its intersection with the King's Highway known as No. 23 and a point situate at its intersection with the King's Highway known as No. 87.

18. Schedule 112 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

10. That part of the King's Highway known as No. 9 lying between a point situate at its intersection with the easterly limit of the Village of Arthur in the County of Wellington and a point situate at its intersection with the King's Highway known as No. 104 in the Township of East Luther in the County of Dufferin. (W.P. 806-69-01) (D-3).

19. Schedule 130 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

1. That part of the King's Highway known as No. 61 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 130 in the Township of Paipoonge and a point situate at its intersection with the line between the Territorial District of Thunder Bay and the State of Minnesota.

20. Schedule 138 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 584 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 11 in the Township of Ashmore and a point situate 5.0 miles

measured northerly from its intersection with the King's Highway known as No. 643 in the Township of Nakina. (D-19).

21. Schedule 139 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 588 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 17 in the Township of Paipoonge and a point situate at its intersection with the roadway known as Round Lake Road in the Township of Hardwick. (D-19).

22. Schedule 140 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

6. That part of the King's Highway known as No. 599 lying between a point situate 14.0 miles measured northerly from its intersection with the Canadian National Railways' right-of-way in the Township of McCubbin in the Territorial District of Thunder Bay and a point situate 14.0 miles measured southerly from its intersection with the King's Highway known as No. 646 in Unsurveyed Territory in the Territorial District of Kenora. (D-19).

23. Schedule 146 to Regulation 411 of Revised Regulations of Ontario, 1970 as remade by section 9 of Ontario Regulation 329/71, is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 40 in the County of Lambton commencing at a point situate at its intersection with the easterly limit of the City of Sarnia and extending easterly therealong for a distance of 2500 feet more or less.

24. Schedule 148 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

1. That part of the King's Highway known as No. 80 in the County of Lambton commencing at a point situate 400 feet measured easterly from its intersection with the road allowance between lots 24 and 25 in Concession 5 in the Township of Moore and extending westerly therealong for a distance of 1700 feet more or less.

25. Schedule 164 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 589 in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 591 in the Township of Gorham and extending northerly therealong for a distance of 11.0 miles more or less. (D-19).

26. Schedule 165 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 590 in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 588 in the Township of Lybster and extending northerly therealong for a distance of 2.0 miles more or less. (D-19).

27. Schedule 166 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

1. That part of the King's Highway known as No. 18 in the Township of Anderdon in the County of Essex lying between a point situate at its intersection with the line between lots 27 and 28 in Concession 1 and a point situate at its intersection with the line between lots 28 and 29 in the said Concession 1. (W.P. 5-60-01).

28. Schedule 192 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 28 of Ontario Regulation 40/71, is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 595 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 590 in the Township of O'Connor and a point situate 1500 feet measured southerly from its intersection with the King's Highway known as No. 608 in the Township of Gillies. (D-19).

29. Schedule 197 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 32 of Ontario Regulation 151/71, is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as Tertiary Road No. 800 in the Territorial District of Thunder Bay commencing at a point situate 28.0 miles measured northerly from its intersection with the King's Highway known as No. 11 and 17 (Thunder Bay Expressway) in the Township of MacGregor and extending northerly therealong for a distance of 30.0 miles more or less. (D-19).

30. Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

#### Schedule 223

#### HIGHWAY NO. 83

1. That part of the King's Highway known as No. 83 in the County of Huron lying between a point situate at its intersection with the westerly limit of the Town of Exeter and a point situate



at its intersection with the King's Highway known as No. 21 in the townships of Stephen and Hay. (W.P. 824-71-01) (D-3).

2. That part of the King's Highway known as No. 83 lying between a point situate at its intersection with the King's Highway known as No. 23 in the Township of Fullarton in the County of Perth and a point situate at its intersection with the easterly limit of the Town of Exeter in the Township of Osborne in the County of Huron. (W.P. 805-69-01) (D-3). O. Reg. 225/73, s. 30, *part*.

#### Schedule 224

#### HIGHWAY NO. 104

1. That part of the King's Highway known as No. 104 in the Township of East Luther in the County of Dufferin lying between a point situate at its intersection with the King's Highway known as No. 9 and a point situate at its intersection with the road allowance between concessions 2 and 3. O. Reg. 225/73, s. 30, *part*.

#### Schedule 225

#### HIGHWAY NO. 582

1. That part of the King's Highway known as No. 582 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the King's Highway known as No. 17 in the Township of Stirling and a point situate at its intersection with the King's Highway known as No. 17 in the Township of Lyon. (D-19). O. Reg. 225/73, s. 30, *part*.

#### Schedule 226

#### HIGHWAY NO. 587

1. That part of the King's Highway known as No. 587 in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 17 in the Township of MacTavish and extending southerly therealong for a distance of 5.0 miles more or less. (D-19). O. Reg. 225/73, s. 30, *part*.

#### Schedule 227

#### HIGHWAY NO. 593

1. That part of the King's Highway known as No. 593 in Stuart Location in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 61 and extending westerly therealong for a distance of 6.0 miles more or less. (D-19). O. Reg. 225/73, s. 30, *part*.

#### Schedule 228

#### HIGHWAY NO. 643

1. That part of the King's Highway known as No. 643 in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the King's Highway known as No. 584 in the Township of Exton and extending northerly therealong for a distance of 12.0 miles more or less. (D-19). O. Reg. 225/73, s. 30, *part*.

#### Schedule 229

#### HIGHWAY NO. 7069

1. That part of the King's Highway known as No. 7069 in the Territorial District of Thunder Bay lying between a point situate at its intersection with the easterly junction of the King's Highway known as No. 11 and 17 in Dawson Road Lots and a point situate at its intersection with the westerly junction of the King's Highway known as No. 11 and 17 in the said Dawson Road Lots. O. Reg. 225/73, s. 30, *part*.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 16th day of April, 1973.

(5345)

18

#### THE HIGHWAY TRAFFIC ACT

O. Reg. 226/73.

Equipment.

Made—April 16th, 1973.

Filed—April 17th, 1973.

#### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Section 7 of Regulation 416 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following clause:

(f) a commercial motor vehicle to which is attached temporarily or permanently, a structure designed, used and maintained as a mobile dwelling unit commonly known as a camper.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 16th day of April, 1973.

(5346)

18



**THE HIGHWAY TRAFFIC ACT****O. Reg. 227/73.**

Construction Zones.

Made—April 16th, 1973.

Filed—April 17th, 1973.

**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Paragraph 42 of Schedule 2 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 1 of Ontario Regulation 56/73, is revoked.

2. Schedule 1 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

46. That part of the King's Highway known as No. 2 in the Township of Darlington in the County of Durham commencing at a point situate at its intersection with the line between lots 16 and 17 in Concession 1 and extending westerly therealong for a distance of 0.5 mile more or less. (Contract No. 72-82) (D-7).

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 16th day of April, 1973.

(5347)

18

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT****O. Reg. 228/73.**

Sittings of the General Sessions of the Peace and sittings of the County Court for the County of Peel.

Made—April 16th, 1973.

Filed—April 17th, 1973.

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT**

IN THE MATTER OF *The General Sessions Act*, and of  
*The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Peel.

**ORDER**

IT IS ORDERED that the sittings of the Court of General Sessions of the Peace and the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Peel, shall be held, commencing on Monday, the 30th day of April, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County of Peel and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 228/73, Order.

C. E. BENNETT  
*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in The Municipality of Metropolitan Toronto, this 16th day of April, 1973.

(5348)

18

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT****O. Reg. 229/73.**

Sittings of the General Sessions of the Peace and sittings of the County Court for the County of Kent.

Made—April 16th, 1973.

Filed—April 17th, 1973.

**THE GENERAL SESSIONS ACT  
THE COUNTY COURTS ACT**

IN THE MATTER OF *The General Sessions Act*, and of  
*The County Courts Act*; and

IN THE MATTER OF the sittings of the General Sessions of the Peace and of the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury, for the County of Kent.

**ORDER**

IT IS ORDERED that the sittings of the Court of General Sessions of the Peace and the sittings of the County Court for the trial of issues of fact and assessment of damages with or without a jury for the County of Kent, shall be held commencing on Monday, the 7th day of May, 1973, instead of the 14th day of May, 1973.

AND IT IS FURTHER ORDERED that a copy of this Order shall be mailed by ordinary post to the Attorney General of Ontario, and that a copy of this Order shall be posted in the office of the Clerk of the County Court of the County of Kent, and in the office of the Clerk of the General Sessions of the Peace for the said County. O. Reg. 229/73, Order.

C. E. BENNETT  
*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario*

Dated at the City of Toronto, in The Municipality of Metropolitan Toronto, this 16th day of April, 1973.

(5349)

18

### THE PENSION BENEFITS ACT

#### O. Reg. 230/73.

General.

Made—April 11th, 1973.

Filed—April 18th, 1973.

#### REGULATION MADE UNDER THE PENSION BENEFITS ACT

1. Section 8 of Regulation 654 of Revised Regulations of Ontario, 1970, as remade by Ontario Regulation 169/73, is revoked and the following substituted therefor:

8. Upon application for registration of a pension plan pursuant to subsection 1 and subsection 2 of section 18 of the Act, or upon the filing of an annual information return pursuant to subsection 4 of section 18 of the Act, a fee of one dollar shall be paid in respect of each member of the pension plan in Ontario and in respect of each member of the pension plan in a designated province reported to be on the payroll of the employer, but the total fee payable shall be not less than five dollars and not more than two hundred dollars. O. Reg. 230/73, s. 1.

(5350)

18

### THE MINISTRY OF EDUCATION ACT

#### O. Reg. 231/73.

Supervisory Officer's Certificate.

Made—March 28th, 1973.

Approved—April 11th, 1973.

Filed—April 17th, 1973.

#### REGULATION MADE UNDER THE MINISTRY OF EDUCATION ACT

- 1.—(1) Section 1 of Ontario Regulation 517/71 is renumbered as 1a.

- (2) Subsection 2 of the said section 1a, exclusive of the clauses, is revoked and the following substituted therefor:

- (2) A person who, prior to the 1st day of July, 1974,

is deemed to hold a Supervisory Officer's Certificate. O. Reg. 231/73, s. 1 (2).

2. Ontario Regulation 517/71 is amended by adding thereto the following section:

1. In this Regulation, "Principal's Certificate" means a permanent principal's certificate. O. Reg. 231/73, s. 2.

3. Subsection 1 of section 2 of Ontario Regulation 517/71 is revoked and the following substituted therefor:

(1) A candidate for a Supervisory Officer's Certificate shall make application to the Deputy Minister before the first day of December to take in the year next following the written and oral examinations prescribed by the Minister. O. Reg. 231/73, s. 3.

4. Section 3 of Ontario Regulation 517/71 is revoked.

J. McNIE  
*Minister of Education*

Dated at Toronto, this 28th day of March, 1973.

(5351)

18

### THE SEPARATE SCHOOLS ACT

#### O. Reg. 232/73.

County Combined Separate School Zones.

Made—April 11th, 1973.

Filed—April 18th, 1973.

#### REGULATION MADE UNDER THE SEPARATE SCHOOLS ACT

1. Paragraph 8 of section 1 of Regulation 797 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

8. The County of Middlesex, designated as "London and Middlesex".

(5352)

18



**THE SEPARATE SCHOOLS ACT****O. Reg. 233/73.**

District Combined Separate School Zones.

Made—April 11th, 1973.

Filed—April 18th, 1973.

**REGULATION MADE UNDER  
THE SEPARATE SCHOOLS ACT**

1. Paragraph 1 of Schedule 16 to Regulation 798 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. In the Territorial District of Cochrane, being,
  - i. the towns of Kapuskasing and Smooth Rock Falls,
  - ii. the townships of Fauquier and Kendrey,
  - iii. the Township of Owens, Williamson and Idington,
  - iv. the Township of Shackleton and Machin,
  - v. the geographic townships of Haggart, McCrea, Nansen, and O'Brien, and
  - vi. the portions of the geographic townships of Idington and Owens not included in the Township of Owens, Williamson and Idington.

(5353)

18

**THE SECONDARY SCHOOLS AND  
BOARDS OF EDUCATION ACT****O. Reg. 234/73.**Designation of School Divisions in  
Territorial Districts.

Made—April 11th, 1973.

Filed—April 18th, 1973.

**REGULATION MADE UNDER  
THE SECONDARY SCHOOLS AND  
BOARDS OF EDUCATION ACT**

1. Paragraph 1 of Schedule 8 to Regulation 793 of Revised Regulations of Ontario, 1970, as amended by section 3 of Ontario Regulation 431/72, is revoked and the following substituted therefor:

1. In the Territorial District of Cochrane, being,
  - i. The Township of Owens, Williamson and Idington,
  - ii. the Township School Area of Fauquier,
  - iii. the Township School Area of Kapuskasing,

- iv. the Township School Area of Kendrey,
- v. the Township School Area of Shackleton and Machin,
- vi. the portion of the Township School Area of Williamson and Owens not included in the Township of Owens, Williamson and Idington,
- vii. School Section No. 1 in the geographic townships of McCrea and McCowan,
- viii. School Section No. 2 in the geographic township of McCrea,
- ix. School Section No. 2 in the geographic township of O'Brien,
- x. School Section No. 5 in the geographic township of O'Brien, and
- xi. the portion of the geographic townships of McCowan and McCrea that on the 31st day of December, 1968 were part of the Township School Area of Eilber, Barber, McCowan and McCrea.

(5354)

18

**THE PLANNING ACT****O. Reg. 235/73.**Restricted Areas—Regional Municipality of  
York, Town of Whitchurch-Stouffville.

Made—April 16th, 1973.

Filed—April 18th, 1973.

**ORDER MADE UNDER  
THE PLANNING ACT**

1. Paragraph 6 of section 2 of Ontario Regulation 101/72, as remade by section 1 of Ontario Regulation 101/73, is revoked and the following substituted therefor:

6. Lots 32 and 33 in the Township of Markham as they existed on the 31st day of December, 1970, and lots 3 to 35, both inclusive, Concession IX, saving and excepting the westerly 750 feet of lots 9 to 11, both inclusive, and saving and excepting the easterly 840 feet of Lot 11, and saving and excepting the west half of Lot 13, and saving and excepting the west half of lots 16 to 19, both inclusive.

G. M. FARROW

*Director,**Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 16th day of April, 1973.

(5371)

18



**THE PLANNING ACT****O. Reg. 236/73.**

Restricted Areas—County of Ontario, Township of Uxbridge.

Made—April 16th, 1973.

Filed—April 18th, 1973.

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**ORDER MADE UNDER  
THE PLANNING ACT**

1. Ontario Regulation 103/72 is amended by adding thereto the following section:

16. Notwithstanding any other provisions of this Order, the lands described in Schedule 2 may be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided that the requirements in 6a and the following requirements are met:

**AREA REQUIREMENTS FOR THE MAIN BUILDING**

Minimum front yard	85 feet
Minimum rear yard	50 feet
Minimum side yard	50 feet
Maximum height	30 feet
Maximum lot coverage	not more than 10 per cent
Minimum ground floor area	one storey—1200 square feet one and one-half storeys or more—800 square feet

O. Reg. 236/73, s. 1.

2. Ontario Regulation 103/72 is amended by adding thereto the following Schedule:

**Schedule 2**

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Uxbridge in the County of Ontario, and being composed of that part of the east half of Lot 1 in Concession IV, east of the Brock Road in the said Township, and being more particularly described as follows:

Bearings are related to the north 19° 49' 20" east of part of Part 9 as shown on Highway Plan 889;

Beginning at a point in the easterly limit of said Lot 1, distant 366.45 feet southerly thereon from the northeast angle of Lot 1;

Thence south 71° 20' 50" west along a fence 631.38 feet to the easterly limit of the Brock Road as widened by Highway Plan number 889;

Thence south 16° 57' 40" west along said easterly limit 154.11 feet;

Thence south 19° 49' 20" west and continuing along said easterly limit 421.80 feet;

Thence north 72° 51' 40" east along a fence 245.13 feet to an angle therein;

Thence north 72° 29' 10" east and continuing along said fence 453.14 feet to an angle therein;

Thence north 72° 18' 50" east and continuing along said fence 273.51 feet more or less to the easterly limited of said Lot 1;

Thence northerly along said easterly limit 475.75 feet to the point of beginning and containing an area of 8.59 acres. O. Reg. 236/73, s. 2.

G. M. FARROW

Director,

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 16th, day of April, 1973.

(5372)

18

**THE PLANNING ACT****O. Reg. 237/73.**

Restricted Areas—County of Ontario, Township of Scott.

Made—April 16th, 1973.

Filed—April 18th, 1973.

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**ORDER MADE UNDER  
THE PLANNING ACT**

1. Section 16 of Ontario Regulation 105/72, as made by section 1 of Ontario Regulation 99/73, is revoked and the following substituted therefor:

16. Notwithstanding any other provisions of this Order, the parcels of land described in schedules 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18 may each be used for the erection of one single-family dwelling and buildings and structures accessory thereto provided that the requirements in section 7 and the following requirements are met:

REQUIREMENTS FOR MAIN BUILDING

1. Minimum front yard 35 feet
- Minimum side yard 8 feet on each of the two sides
- Minimum rear yard 25 feet
- Minimum ground floor area for dwellings one storey—1100 square feet  
one and one-half storeys or more—900 square feet

REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. No accessory building or structure shall be located closer to the front lot line than the main building.
3. No accessory building or structure shall be less than three feet from any side or rear lot line.
4. Except for a private garage, the total lot coverage of an accessory building or structure shall not exceed 5 per cent.
5. No accessory building shall exceed a height of twelve feet. O. Reg. 237/73, s. 1.
2. Ontario Regulation 105/72 is amended by adding thereto the following section:

19. Notwithstanding any other provisions of this Order, the parcel of land described in Schedule 19 may be used for the erection of one single-family dwelling and attached store and buildings and structures accessory thereto provided that the requirements in section 7 and the following requirements are met:

REQUIREMENTS FOR MAIN BUILDING

1. Minimum front yard 35 feet
- Minimum side yard 8 feet on each of the two sides
- Minimum rear yard 25 feet
- Minimum ground floor area for dwellings one storey—1100 square feet  
one and one-half storeys or more—900 square feet

REQUIREMENTS FOR ACCESSORY BUILDINGS AND STRUCTURES

2. No accessory building or structure shall be located closer to the front lot line than the main building.

3. No accessory building or structure shall be less than three feet from any side or rear lot line.
4. Except for a private garage, the total lot coverage of an accessory building or structure shall not exceed 5 per cent.
5. No accessory building shall exceed a height of twelve feet.

SIGNS

6. No building is to be used for the erection or display of any sign or advertising device except in accordance with the building by-law of the Township of Scott.
7. No outdoor signs shall be permitted unless the content of the sign is directly related to the use of the land on which it is erected.

PARKING

8. A parking area for automobiles shall be provided in the ratio of 5 square feet of parking space for each square foot of ground floor area covered by the store, each space to measure at least ten feet wide and twenty feet long, and the area shall be constructed and maintained with a stable surface that will prevent the formation of dust and loose particles. O. Reg. 237/73, s. 2.
3. Ontario Regulation 105/72 is amended by adding thereto the following schedules:

Schedule 18

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Scott in the County of Ontario, and being composed of that part of Lot 25 in Concession II of the said Township, more particularly described as follows:

Beginning at a point in the west limit of said Lot 25 measured 100 feet northerly along said west limit from the southwest limit from the southwest angle;

Thence easterly parallel to the south limit of said Lot 25, 400 feet;

Thence north parallel to the west limit of said Lot 25, 400 feet;

Thence west parallel to the south limit of said Lot 25, 400 feet to a point in the west limit of said Lot 25;

Thence south along the west limit of said Lot 25, 400 feet to the point of beginning. O. Reg. 237/73, s. 3, *part*.



**Schedule 19**

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Scott in the County of Ontario, and being composed of that part of Lot 35 in Concession VII of the said Township, more particularly described as follows:

Beginning at a point in the west limit of said Lot 35, 198 feet measured southerly along the west limit thereof from the northwest angle of said Lot 35;

Thence continuing southerly along the said western limit 99 feet;

Thence easterly parallel to the north limit of said Lot 35, 220 feet;

Thence northerly parallel to the west limit of said Lot 35, 99 feet;

Thence westerly parallel to the north limit of said Lot 35, 220 feet more or less to the point of beginning, the said parcel containing by admeasurement one-half of an acre and being the lands and premises described in Registered Instrument No. 10096. O. Reg. 237/73, s. 3, *part*.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 16th day of April, 1973.

(5373)

18

**THE FARM PRODUCTS MARKETING ACT**

**O. Reg. 238/73.**

Started Pullets—Plan.

Made—April 18th, 1973.

Filed—April 18th, 1973.

**REGULATION MADE UNDER  
THE FARM PRODUCTS MARKETING ACT**

**STARTED PULLETS—PLAN**

1. The plan in the Schedule is established for the control and regulation of the marketing within Ontario of started pullets. O. Reg. 238/73, s. 1.

2. The local board named in the Schedule is given the powers set out in clauses *a, b, d, e, f, g, i, j, k, l, m, n, o, and t* of subsection 1 of section 24 and in sections 60 and 305 of *The Corporations Act* that are vested in a co-operative corporation that is under Part V of that Act. O. Reg. 238/73, s. 2.

3. The members of the local board shall be deemed to be the shareholders and directors thereof in the exercise of any of the powers mentioned in section 2. O. Reg. 238/73, s. 3.

**Schedule****THE FARM PRODUCTS MARKETING ACT****PLAN**

1. This plan may be cited as "The Ontario Started Pullet Producers' Marketing Plan".

2. In this plan,

(a) "Minister" means the Minister of Agriculture and Food;

(b) "producer" means a person engaged in the production of started pullets;

(c) "started pullets" means immature female chickens marketed for the purpose of being used for the production of eggs.

3. This plan applies to the control and regulation in any or all respects of the marketing within Ontario of started pullets including the prohibition of such marketing in whole or in part.

4. There is hereby established a local board to be known as "The Ontario Started Pullet Producers' Marketing Board".

5. The local board shall be composed of not more than ten producer-members who shall hold office until their successors are appointed.

6. The Minister may appoint the members of the local board, may appoint one of the members to be the chairman of the local board and one of the members to be vice-chairman and may revoke any appointments made under this section. O. Reg. 238/73, Sched.

(5374)

18

**THE FARM PRODUCTS MARKETING ACT**

**O. Reg. 239/73.**

Eggs—Plan.

Made—April 18th, 1973.

Filed—April 18th, 1973.

**REGULATION MADE UNDER  
THE FARM PRODUCTS MARKETING ACT**

1. Section 1 of Ontario Regulation 593/72 is revoked and the following substituted therefor:

1. The plan in the Schedule is established for the control and regulation of the marketing within Ontario of eggs and hatching eggs. O. Reg. 239/73, s. 1.



2.—(1) Clause *d* of section 2 of the Schedule to Ontario Regulation 593/72 is revoked and the following substituted therefor:

(*d*) "producer" means a person engaged in the production of eggs or hatching eggs.

(2) Clause *e* of the said section 2 is revoked.

3. Section 3 of the Schedule to Ontario Regulation 593/72 is revoked and the following substituted therefor:

3. This plan applies to the control and regulation in any or all respects of the marketing within Ontario of eggs and hatching eggs including the prohibition of such marketing in whole or in part.

(5375) 18

### THE HOMES FOR SPECIAL CARE ACT

#### O. Reg. 240/73.

General.

Made—April 18th, 1973.

Filed—April 19th, 1973.

#### REGULATION MADE UNDER THE HOMES FOR SPECIAL CARE ACT

1. Subsection 1 of section 41 of Regulation 438 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 188/73, is revoked and the following substituted therefor:

(1) Where a resident in an approved home, a licensed nursing home or licensed residential home is unable to pay for his care and maintenance, the Minister may pay to the Board of an approved home or the licensee of a licensed nursing or residential home,

(*a*) where the resident qualifies on medical grounds for and receives extended care in an extended care unit,

(i) on or before the end of the month in which the resident attains the age of sixteen years, and

(ii) on or after the 1st day of April, 1973,

for each day that the resident receives such care, the amount of \$13.50;

(*b*) where the resident qualifies on medical grounds for and receives extended care in an extended care unit after the end of the month in which the resident attains the age of sixteen years,

(i) for each day on or after the 1st day of April, 1973 that the resident receives such care, the amount of \$13, and

(ii) for each day on or after the 1st day of May, 1973 that the resident receives such care, the amount of \$13.50;

(*c*) for each day,

(i) on and after the 1st day of April, 1973 that the resident receives intermediate nursing care, the amount of \$11, and

(ii) for each day on and after the 1st day of May, 1973 that the resident receives intermediate nursing care, the amount of \$11.75; or

(*d*) where the resident does not require nursing care, the amount of \$6. O. Reg. 240/73, s. 1.

(5376) 18

### THE HEALTH INSURANCE ACT, 1972

#### O. Reg. 241/73.

General.

Made—April 18th, 1973.

Filed—April 19th, 1973.

#### REGULATION MADE UNDER THE HEALTH INSURANCE ACT, 1972

1. Section 41 of Ontario Regulation 323/72 is revoked and the following substituted therefor:

41.—(1) In this section,

(*a*) "device" means a catheter, colostomy or ileostomy set;

(*b*) "drug" includes any substance or mixture of substances manufactured, sold or represented for use in,

(i) the diagnosis, treatment, mitigation or prevention of a disease, disorder, abnormal physical state or the symptoms thereof in man, or

(ii) restoring, correcting or modifying organic functions in man,

but does not include a proprietary or patent medicine within the meaning of the *Proprietary or Patent Medicine Act* (Canada);

(c) "extended care unit" means an extended care unit in a nursing home that is operated or maintained under the authority of a licence issued under *The Nursing Homes Act, 1972*;

(d) "extended care services" means,

- (i) standard ward accommodation, meals including special and therapeutic diets, and laundry, including machine washing and drying of personal clothing,
- (ii) skilled nursing and personal care given by or under the supervision of a registered nurse or registered nursing assistant under the direction of a physician,
- (iii) the provision of routine medical supplies, including wheelchairs and geriatric chairs,
- (iv) the provision of personal hygiene supplies,
- (v) the provision of personal grooming supplies and services,

in an extended care unit.

(2) Except in the case of extended care services that are received by a person who receives benefits under *The General Welfare Assistance Act* or *The Family Benefits Act*, extended care services are prescribed as insured services.

(3) Drugs that are ordered by a physician or dentist and devices that are ordered by a physician and that are provided to a person who is receiving extended care services are prescribed as insured services.

(4) It is a condition of payment for insured services pursuant to this section that,

- (a) except in the case of a person who receives benefits under *The General Welfare Assistance Act* or *The Family Benefits Act* while receiving the insured services, the recipient of the insured services has been ordinarily resident in Ontario during the twelve months immediately preceding his application for the extended care services;
- (b) a duly completed application in Form 1 on behalf of the recipient of the insured has been delivered to the General Manager;
- (c) the extended care services received by the person are medically necessary; and
- (d) where the insured services are received by a person after the end of the month in which the person attained the age of sixteen years, the person has paid or has paid on his behalf the co-payment prescribed by this section.

(5) Except where extended care services are provided to a person on the day the person is discharged from an extended care unit, the co-payment that shall be made to the licensee of a nursing home in which an extended care unit is located in order to qualify a person to receive extended care services therein as insured services is,

- (a) where the extended care services are received by him before the 1st day of May, 1973, \$3.50; and
- (b) where the extended care services are received by him on or after the 1st day of May, 1973, \$4,

for each day that the person receives the extended care services.

(6) The General Manager shall make payment to the licensee of a nursing home for the provision therein of extended care services that are insured services other than extended care services that are provided to a person on the day that the person is discharged from the extended care unit, where the extended care services are provided to an insured person on or after the 1st day of April, 1973 and,

- (a) on or before the end of the month in which the insured person attained the age of sixteen years, in the amount of \$13.50; or
- (b) after the end of the month in which the insured person attained the age of sixteen years, in the amount of \$9.50,

for each day that the extended care services were received by the insured person.

(7) The General Manager shall make payment for the cost of,

- (a) drugs that are ordered by a physician or dentist; and
- (b) devices that, on or after the 1st day of May, 1973, are ordered by a physician,

and that are received by a person who is receiving extended care services that are insured services. O. Reg. 241/73, s. 1.

2. Subsection 9 of section 56 of Ontario Regulation 323/72 is revoked and the following substituted therefor:

(9) Each extended care unit in every nursing home operated or maintained under the authority of a licence issued under *The Nursing Homes Act, 1972* is designated as a health facility for the purpose of section 55 of this Regulation. O. Reg. 241/73, s. 2.

3. Schedule 13 of Ontario Regulation 323/72 is revoked.

4. Ontario Regulation 323/72 is amended by adding thereto the following form:

The Health Insurance Act, 1972

APPLICATION FOR EXTENDED CARE INSURED SERVICE

PART 1

TO BE COMPLETED BY APPLICANT OR AGENT

SECTION A

MAILING ADDRESS OF APPLICANT		IF THE APPLICANT IS NOW IN A HOME FOR THE AGED OR IN A NURSING HOME, PLEASE ENTER THE LICENCE OR REGISTRATION NUMBER OF THE FACILITY BELOW.		FOR OFFICIAL USE ONLY	
NAME OF HOME / STREET ADDRESS				LOCATION CODE:	
R.R. NO. POST OFFICE BOX NO.		LICENCE OR REGISTRATION NUMBER			
CITY, TOWN, VILLAGE AND PROVINCE					

SECTION B

APPLICANT'S SURNAME		GIVEN NAME		OTHER INITIAL		DATE OF BIRTH		SEX	
O.H.I.P. NUMBER		SURNAME OF INSURANCE HOLDER		INITIALS		DAY MONTH YEAR		HOLDER (APPLICANT)	
SINGLE (NEVER MARRIED)		NOW MARRIED		WIDOWED		SEPARATED		CHILD	
PRIVATE		WELFARE		HOMES FOR SPECIAL CARE		OTHER		OVER AGE DEPENDANT	
APPLICANT'S CURRENT MEANS OF SUBSISTENCE		APPLICANT'S RELATIONSHIP TO INSURANCE HOLDER		IF "OTHER" PLEASE SPECIFY:		IF "HOMES FOR SPECIAL CARE", SHOW H.S.C. RESIDENT NO.:			

IF THIS FORM IS SIGNED BY A DULY AUTHORIZED REPRESENTATIVE ON BEHALF OF THE PATIENT, PLEASE STATE THE AUTHORITY UNDER WHICH THE REPRESENTATIVE IS SIGNING

DATE: SIGNATURE OF APPLICANT





DIVISION 7		DIVISION 8		DIVISION 9		DIVISION 10		DIVISION 11		DIVISION 12	
MENTAL ABILITIES		ACTIVITIES		DIET		MEDICATION		NURSING CARE		MEDICAL SUPERVISION	
<div>LINE</div> <div>▶</div>	<div>A</div>	<div>Alert - Lucid.</div>	<div>Participates willingly - full program.</div>	<div>Normal.</div>	<div>None or occasional p.r.n.</div>	<div>Supervision only.</div>	<div>A</div>				
	<div>B</div>	<div>Retarded. Some memory loss. Speech difficulty.</div>	<div>Can benefit. Needs direction and encouragement.</div>	<div>Modified, e.g. low salt, soft.</div>	<div>Oral. Regular one or two daily medications.</div>	<div>Minimal daily.</div>	<div>B</div>				
	<div>C</div>	<div>Intermittent Confusion, inclined to wander.</div>	<div>Resists but capable of participation in most activities.</div>	<div>Special, Low cholesterol, bland, etc.</div>	<div>Several orally.</div>	<div>Extra skin care TPR &amp; BP</div>	<div>C</div>				
	<div>D</div>	<div>Disoriented.</div>	<div>Specific activity program. Encourage-much super-vision.</div>	<div>Diabetic.</div>	<div>I.M. or Subcutaneous; insulin, etc. with or without oral medication.</div>	<div>Special procedure. Catheter irrigation. Dressing and aseptic techniques.</div>	<div>D</div>				
	<div>E</div>	<div>Periodic agitation. Aggressive. Noisy. Psychotic.</div>	<div>Special activities. Retarded child. Multiple handicaps.</div>	<div>All pureed. Extra feedings.</div>	<div>Medications requiring periodic clinical and laboratory evaluation.</div>	<div>Unstable or help-less patient. Prolonged. Frequent extra care.</div>	<div>E</div>				
DIAGNOSIS								FOR OFFICIAL USE ONLY			
PRIMARY:								DIAGNOSTIC CODE			
SECONDARY:											
COMMENTS (AMPLIFY ABOVE IF NECESSARY)											
Is the patient's condition during the next six months likely to:											
IMPROVE		REMAIN/STABLE		DETERIORATE							
<div>1</div>		<div>2</div>		<div>3</div>							
ATTENDING PHYSICIAN'S PROGNOSIS											
ATTENDING PHYSICIAN COMPLETING FORM											
NAME: _____											
ADDRESS: _____											
SIGNATURE: _____											
DATE OF ASSESSMENT											
DAY MONTH YEAR											
FOR OFFICIAL USE ONLY											
DAY MONTH YEAR											
AUDITORY AND VISUAL DISABILITIES											
DEAF BLIND MUTE											
<div>1</div> <div>2</div> <div>3</div>											
IS APPLICANT NOW IN HOSPITAL?											
YES NO											
<div>1</div> <div>2</div>											
PHYSICIAN'S NUMBER											

## THE NURSING HOMES ACT, 1972

## O. Reg. 242/73.

General.

Made—April 18th, 1973.

Filed—April 19th, 1973.

REGULATION MADE UNDER  
THE NURSING HOMES ACT, 1972

1. Subsections 6, 7 and 8 of section 5 of Ontario Regulation 196/72 are revoked and the following substituted therefor:

(6) An extended care resident who is an insured person under *The Health Insurance Act, 1972* and who, after the end of the month in which he attained the age of sixteen years, received services that are insured services under that Act, may be charged for each day that he received the services, other than the day that he is discharged from an extended care unit,

(a) where the insured services are received on or after the 1st day of April, 1973, a co-payment not exceeding \$3.50; and

(b) where the insured services are received on or after the 1st day of May, 1973, a co-payment not exceeding \$4.

(7) The amount that an extended care resident may be charged in respect of private accommodation in the extended care unit of a nursing home,

(a) where the private accommodation is provided to the resident before the 1st day of May, 1973, shall not exceed \$6 per day; and

(b) where the private accommodation is provided to the resident on or after the 1st day of May, 1973, shall not exceed \$6.50 per day.

(8) The amount that an extended care resident may be charged in respect of semi-private accommodation in the extended care unit of a nursing home,

(a) where the semi-private accommodation is provided to the resident before the 1st day of May, 1973, shall not exceed \$3 per day; and

(b) where the semi-private accommodation is provided to the resident on or after the 1st day of May, 1973, shall not exceed \$3.25 per day. O. Reg. 242/73, s. 1.

## THE FARM PRODUCTS MARKETING ACT

## O. Reg. 243/73.

Eggs—Marketing.

Made—April 19th, 1973.

Filed—April 19th, 1973.

REGULATION MADE UNDER  
THE FARM PRODUCTS MARKETING ACT

- 1.—(1) Clause *d* of section 1 of Ontario Regulation 594/72 is revoked and the following substituted therefor:

(d) “producer” means a person engaged in the production of eggs or hatching eggs.

- (2) Clause *e* of the said section 1 is revoked.

2. Section 2 of Ontario Regulation 594/72 is revoked and the following substituted therefor:

2. This Regulation provides for the control and regulation in any or all respects of the marketing within Ontario of eggs and hatching eggs including the prohibition of such marketing in whole or in part. O. Reg. 243/73, s. 2.

3. Clauses *a* and *b* of section 3 of Ontario Regulation 594/72 are revoked and the following substituted therefor:

(a) hatching eggs that are marketed for hatching purposes; and

4. Clauses *a*, *b*, *c*, *d* and *e* of section 4 of Ontario Regulation 594/72 are revoked and the following substituted therefor:

(a) to require persons engaged in producing or marketing eggs or hatching eggs to register their names, addresses and occupations with the local board;

(b) to require persons engaged in producing or marketing eggs or hatching eggs to furnish such information relating to the production or marketing of eggs or hatching eggs, including the completing and filing of returns, as the local board determines;

(c) to appoint persons to inspect the books, records, documents, lands and premises and any eggs and hatching eggs of persons engaged in producing or marketing eggs or hatching eggs;

(d) to stimulate, increase and improve the marketing of eggs and hatching eggs by such means as it considers proper;



- (e) to co-operate with a marketing board, local board, marketing commission or marketing agency of Canada or of any province in Canada for the purpose of marketing eggs or hatching eggs;

THE FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 19th day of April, 1973.

(5379)

18

THE FARM PRODUCTS MARKETING ACT

O. Reg. 244/73.

Started Pullets—Marketing.

Made—April 19th, 1973.

Filed—April 19th, 1973.

REGULATION MADE UNDER  
THE FARM PRODUCTS MARKETING ACT  
STARTED PULLETS—MARKETING

INTERPRETATION

1. In this Regulation,

- (a) "local board" means The Ontario Started Pullet Producers' Marketing Board;
- (b) "producer" means a person engaged in the production of started pullets;
- (c) "started pullets" means immature female chickens marketed for the purpose of being used for the production of eggs. O. Reg. 244/73, s. 1.

2. This Regulation provides for the control and regulation in any or all respect of the marketing within Ontario of started pullets including the prohibition of such marketing in whole or in part. O. Reg. 244/73, s. 2.

POWERS OF THE LOCAL BOARD

3. The Board delegates to the local board the power,

- (a) to require persons engaged in producing or marketing started pullets to register their names, addresses and occupations with the local board;

- (b) to require persons engaged in producing or marketing started pullets to furnish such information relating to the production or marketing of started pullets including the completing and filing of returns, as the local board determines;

- (c) to appoint persons to inspect the books, records, documents, lands and premises and any started pullets of persons engaged in producing or marketing started pullets;

- (d) to stimulate, increase and improve the marketing of started pullets by such means as it considers proper;

- (e) to co-operate with a marketing board, local board, marketing commission or marketing agency of Canada or of any province in Canada for the purpose of marketing started pullets;

- (f) to do such acts and make such orders and issue such directions as are necessary to enforce the due observance and carrying out of the provisions of the Act, the regulations or the plan. O. Reg. 244/73, s. 3.

4. The Board delegates to the local board its powers to make regulations with respect to started pullets,

- (a) providing for the licensing of any or all persons before commencing or continuing to engage in the marketing of started pullets;
- (b) prohibiting persons from engaging in the marketing of started pullets except under the authority of a licence;
- (c) providing for the refusal to grant a licence where the applicant is not qualified by experience, financial responsibility and equipment to engage in properly the business for which the application was made;
- (d) providing for the suspension or revocation of, or the refusal to renew, a licence for failure to observe, perform or carry out the provisions of the Act, the regulations, the plan or any order or direction of the Board or local board;
- (e) providing for the fixing of licence fees payable yearly, half-yearly, quarterly, or monthly at different amounts or in instalments from any or all persons marketing started pullets and the collecting of licence fees and the recovering of such licence fees by suit in a court of competent jurisdiction;

(f) requiring any person who receives started pullets to deduct from the moneys payable for the started pullets any licence fees payable to the local board by the person from whom he receives the started pullets and to forward such licence fees to the local board;

(g) prescribing the form of licences. O. Reg. 244/73, s. 4.

5.—(1) The Board authorizes the local board,

(a) to require that started pullets be marketed on a quota basis;

(b) to prohibit any person to whom a quota has not been fixed and allotted for the marketing of started pullets or whose quota has been cancelled from marketing any started pullets;

(c) to prohibit any person to whom a quota has been fixed and allotted for the marketing of started pullets from marketing any started pullets in excess of such quota; and

(d) to prohibit any person to whom a quota has been fixed and allotted for the marketing of started pullets produced on lands or premises in respect of which such quota was fixed and allotted from marketing any started pullets other than started pullets produced on such lands or premises.

(2) The Board authorizes the local board,

(a) to fix and allot to persons quotas for the marketing of started pullets on such basis as the local board considers proper;

(b) to refuse to fix and allot to any person a quota for any reason that the local board considers proper; and

(c) to cancel or reduce, or refuse to increase a quota fixed and allotted to any person for the marketing of started pullets for any reason that the local board considers proper. O. Reg. 244/73, s. 5.

6.—(1) The Board authorizes the local board to use any class of licence fees and other moneys payable to it, for the purpose of paying the expenses of the local board, carrying out and enforcing the Act and the regulations and carrying out the purposes of the plan.

(2) The Board authorizes the local board to establish a fund in connection with the plan for payment of any moneys that may be required for the purposes mentioned in subsection 1. O. Reg. 244/73, s. 6.

FARM PRODUCTS MARKETING BOARD:

C. E. MIGHTON  
*Chairman*

WILLIAM V. DOYLE  
*Secretary*

Dated at Toronto, this 19th day of April, 1973.

(5380)

18





# Publications Under The Regulations Act

May 12th, 1973

## THE DAY NURSERIES ACT

**O. Reg. 245/73.**

General.

Made—April 18th, 1973.

Filed—April 24th, 1973.

## REGULATION MADE UNDER THE DAY NURSERIES ACT

1. Schedule 2 to Regulation 160 of Revised Regulations of Ontario, 1970, as made by section 15 of Ontario Regulation 547/71, is amended by adding thereto the following items:

25a. North Halton Association for the Mentally Retarded

41a. Wingham & District Association for the Mentally Retarded

(5421)

19

## THE WORKMEN'S COMPENSATION BOARD

**O. Reg. 246/73.**

General.

Made—March 7th, 1973.

Approved—April 11th, 1973.

Filed—April 24th, 1973.

## REGULATION MADE UNDER THE WORKMEN'S COMPENSATION ACT

1. Item 2 of Class 8 of Schedule 1 to Regulation 834 of Revised Regulations of Ontario, 1970 is revoked.
2. Sub-item i of item 1 of Class 13 of Schedule 1 to Regulation 834 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  - i. Manufacturing,
    - (a) cattle foods; and
    - (b) fertilizers.

3. Clause a of sub-item i of item 1 of Class 14 of Schedule 1 to Regulation 834 of Revised Regulations of Ontario, 1970 is revoked.

4. Item 1 of Class 23 of Schedule 1 to Regulation 834 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following sub-item:

v. Gas welding or electric welding.

## WORKMEN'S COMPENSATION BOARD:

B. J. LEGGE  
*Chairman*

W. R. RIDDELL  
*Secretary*

Dated at Toronto, this 7th day of March, 1973.

(5422)

19

## THE HIGHWAY TRAFFIC ACT

**O. Reg. 247/73.**

Specifications and Standards for Trailer Couplings.

Made—April 18th, 1973.

Filed—April 24th, 1973.

## REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

## SPECIFICATIONS AND STANDARDS FOR TRAILER COUPLINGS

### INTERPRETATION

1. In this Regulation,
  - (a) "fifth wheel assembly" means a coupling device having its lower-half mounted on the rear portion of a vehicle frame or the frame of a trailer converter dolly and its upper-half fastened to the underside of the forward portion of a semi-trailer for the purpose of supporting and towing the semi-trailer;
  - (b) "full trailer" means a vehicle that is towed by another vehicle and is so designed and used that the whole of its weight and load

is carried on its own axles and includes a combination consisting of a semi-trailer and a trailer converter dolly;

- (c) "semi-trailer" means a vehicle that is towed by another vehicle and is so designed and used that a substantial part of its weight and load rests on or is carried by the other vehicle or a trailer converter dolly through a fifth wheel assembly;
- (d) "tow bar" means a towing structure that is connected to the chassis frame of the forward axle of a full trailer and which includes an eye or equivalent device for the purpose of coupling with a trailer hitch;
- (e) "trailer converter dolly" means a device consisting of one or more axles, a fifth wheel lower-half and a tow bar used to convert a semi-trailer into a full trailer; and
- (f) "trailer hitch" means a coupling device mounted on the rear of a truck tractor or trailer to which a tow bar may be attached for the purpose of towing a full trailer. O. Reg. 247/73, s. 1.

2. Where a truck tractor and one or more trailers are operated in combination, the coupling devices connecting the truck tractor and trailer or trailers shall be designed, constructed and installed and the truck tractor, trailer or trailers shall be designed and constructed so that when they are operated in combination in a straight line on a level, smooth, paved surface, the path of the trailer or trailers does not swing or deviate more than three inches to either side of the path of the truck tractor. O. Reg. 247/73, s. 2.

3.—(1) The lower-half of a fifth wheel assembly on a truck tractor, trailer or trailer converter dolly shall be attached to the frame of the truck tractor, trailer or trailer converter dolly with a mounting that,

- (a) has,
  - (i) brackets, mounting plates or angles, and
  - (ii) bolts or equivalent devices,

which together will withstand a force, applied at the coupling point of the fifth wheel assembly, equivalent to the gross weight of the trailer or trailers being towed without residual deformation to the mounting parts;

- (b) is installed so that the frame of the truck tractor, trailer or converter dolly does not crack or become deformed; and

- (c) is installed so as to prevent shifting of the lower-half of the fifth wheel assembly on the frame to which it is attached.

(2) Where the upper-half of a fifth wheel assembly is attached to a semi-trailer it shall be attached to the underside of the semi-trailer so as to prevent,

- (a) warping or cracking of the upper-half of the fifth wheel assembly or the underside of the semi-trailer; and
- (b) separation of the upper-half of the fifth wheel assembly from the semi-trailer.

(3) A fifth wheel assembly shall be equipped with a locking device that prevents separation of its upper-half from its lower-half.

(4) Where a fifth wheel assembly includes a manual release system, the fifth wheel assembly shall be equipped with a locking device or devices which applies automatically on the coupling of a semi-trailer to a truck tractor, trailer converter dolly or to another semi-trailer.

(5) The lower-half of a fifth wheel assembly on a truck tractor, trailer or trailer converter dolly shall be so mounted in relation to the axles of the truck tractor, trailer or trailer converter dolly that,

- (a) the load distribution does not unduly interfere with the steering, braking or maneuverability of the truck tractor, trailer or trailer converter dolly; and
- (b) the combination operates safely. O. Reg. 247/73, s. 3.

4.—(1) A full trailer shall be equipped with a tow bar that is of sufficient strength to withstand a force through its attachments equivalent to the gross weight of the trailer or trailers being towed, without residual deformation to the tow bar.

(2) Where a tow bar is used to tow a full trailer it shall be connected to the full trailer with an attachment that,

- (a) has a strength equal to or greater than that of the tow bar;
- (b) in the case of a hinged tow bar, has the minimum clearance necessary for adequate articulation; and
- (c) is attached in the manner for which it was designed.

(3) Where a truck tractor or trailer is equipped with a trailer hitch, the trailer hitch shall,

- (a) be of sufficient strength to withstand a force applied at the point to which the tow bar is connected, equivalent to the



gross weight of the trailer or trailers being towed, without residual deformation to the trailer hitch;

- (b) provide the minimum clearance necessary for adequate articulation in its connection to the trailer being towed; and
- (c) be provided with a locking device to prevent accidental separation of the truck tractor or trailer from the trailer being towed.

(4) The attachment of a trailer hitch to the towing structure of a truck tractor or trailer shall have a strength that is equal to or greater than that of the trailer hitch.

(5) A towing structure to which a trailer hitch is attached, shall have a strength equal to or greater than that of the trailer hitch.

(6) The attachment of a towing structure to a truck tractor or trailer shall,

- (a) be reinforced or braced to prevent distortion of the frame of the truck tractor or trailer; and
- (b) have a strength equal to or greater than that of the trailer hitch. O. Reg. 247/73, s. 4.

5.—(1) A full trailer shall be coupled to the frame or an extension of the frame of a truck tractor or trailer with a safety connecting device that will prevent the full trailer from breaking loose in the event the tow bar fails or becomes disconnected.

(2) The safety connecting device referred to in subsection 1 shall,

- (a) not be attached to any part of a trailer hitch that would render the safety connecting device ineffective should the trailer hitch or its attachment to the towing structure fail;
- (b) have the minimum slack necessary for adequate articulation;
- (c) have an ultimate strength not less than the gross weight of the trailer or trailers being towed and where the safety connecting device consists of two chains, two cables or two other links, each chain, cable or other link and its attachments shall have an ultimate strength equal to the gross weight of the trailer or trailers being towed;
- (d) be connected in such a manner so as to prevent the tow bar from dropping to the ground, and to keep the swing of the full trailer within safe limits in the event the tow bar fails or becomes disconnected;

(e) be equipped with a hook or hooks or other means of attachment that will not become disconnected accidentally;

(f) where it is used in conjunction with a hinged tow bar and where the safety connecting device consists of two chains, two cables or two other links, be attached to the forward axle or chassis frame of the forward axle of the full trailer at two points as far apart as the configuration of the axle or frame permits and equidistant from the centreline of the full trailer;

(g) where it is used in conjunction with a hinged tow bar and where the safety connecting device consists of a single chain or single cable,

(i) have its ends attached to the forward axle or chassis frame of the forward axle of the full trailer at two points as far apart as the configuration of the axle or frame permits and equidistant from the centreline of the full trailer,

(ii) lead along each side of the tow bar, and

(iii) be formed into a bridle by using a thimble and twin-base clamps and include a single means of attachment;

(h) where it is used in conjunction with a non-hinged tow bar,

(i) consist of two chains, two cables or two other links attached to the tow bar at a single point on the centreline of the tow bar or at two points equidistant from the centreline of the tow bar such that the attachment is behind the eye of the tow bar, or

(ii) consist of a single chain, cable or other link attached to the tow bar on the centreline of the tow bar at any point behind the eye of the tow bar;

(i) where it consists of two chains, two cables or two other links attached at separate points, the separate points shall be equidistant from the centreline of the truck tractor or towing trailer; or

(j) where it consists of two chains, two cables or two other links attached to the same point or where a bridle, single chain, single cable or other single link is used, be attached to a point on the centreline of the truck tractor or towing trailer. O. Reg. 247/73, s. 5.



**THE LOCAL ROADS BOARDS ACT****O. Reg. 248/73.**

Establishment of Local Roads Areas.

Made—April 17th, 1973.

Filed—April 24th, 1973.

**ORDER MADE UNDER  
THE LOCAL ROADS BOARDS ACT**

1. Schedules 9, 67 and 136 to Regulation 571 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 9****INWOOD LOCAL ROADS AREA**

All those portions of the Township of Inwood and unsurveyed territory lying south of the Township of Inwood and all that portion of the Township of Joynt in the Territorial District of Thunder Bay shown outlined on Ministry of Transportation and Communications plan N-6000-4, filed in the office of the Registrar of Regulations at Toronto as No. 1536. O. Reg. 248/73, s. 1, *part*.

**Schedule 67****THORNE LOCAL ROADS AREA**

All those portions of the Township of Poitras in the Territorial District of Nipissing shown outlined on Ministry of Transportation and Communications plan N-437-2, filed in the office of the Registrar of Regulations at Toronto as No. 1537. O. Reg. 248/73, s. 1, *part*.

**Schedule 136****KENDALL LOCAL ROADS AREA**

All those portions of the Township of Kendall in the Territorial District of Cochrane shown outlined on Ministry of Transportation and Communications plan N-593-A2, filed in the office of the Registrar of Regulations at Toronto as No. 1538. O. Reg. 248/73, s. 1, *part*.

2. Regulation 571 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

**Schedule 213****HUDSON LOCAL ROADS AREA**

All those portions of the Township of Vermilion Additional in the Territorial District of Kenora

shown outlined on Ministry of Transportation and Communications plan N-724-1, filed in the office of the Registrar of Regulations at Toronto as No. 1539. O. Reg. 248/73, s. 2, *part*.

**Schedule 214****CRYSTAL LAKE LOCAL ROADS AREA**

All those portions of the Township of Lebel in the Territorial District of Timiskaming shown outlined on Ministry of Transportation and Communications plan N-708-1, filed in the office of the Registrar of Regulations at Toronto as No. 1540. O. Reg. 248/73, s. 2, *part*.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 17th day of April, 1973.

(5424)

19

**THE SEPARATE SCHOOLS ACT****O. Reg. 249/73.**

District Combined Separate School Zones.

Made—April 18th, 1973.

Filed—April 25th, 1973.

**REGULATION MADE UNDER  
THE SEPARATE SCHOOLS ACT**

1. Subparagraph i of paragraph 1 of Schedule 10 to Regulation 798 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  - i. Algoma, being the Town of Blind River, the Village of Iron Bridge, the townships of Day and Bright Additional and Elliot Lake, the Improvement District of the North Shore and the portion of the geographic township of Striker not included in the Improvement District of the North Shore,
- 2.—(1) Sub-subparagraph b of subparagraph i of paragraph 1 of Schedule 11 to Regulation 798 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 452/72, is revoked and the following substituted therefor:

b. the towns of Capreol, Nickel Centre, Onaping Falls, Rayside-Balfour, Valley East and Walden,

- (2) Sub-subparagraphs g, h, i and j of subparagraph i of the said paragraph 1, as remade by section 1 of Ontario Regulation 452/72, are revoked and the following substituted therefor:

g. the geographic townships of Allen, Awrey, Bigwood, Burwash, Cartier, Cascaden, Cherriman, Cleland, Cox, Davis, Delamere, Foy, Haddo, Hart, Harty, Hawley, Hendrie, Henry, Hess, Hoskin, Janes, Laura, Loughrin, Moncrieff, Scadding, Scollard, Secord, Servos and Street,

h. the portions of the geographic townships of Dill, Eden and Tilton that are not part of the City of Sudbury,

i. the portion of the geographic township of Dryden that is not part of the Town of Nickel Centre, and

j. the portions of the geographic townships of Hyman and Trill that are not part of the Town of Walden,

3. Paragraph 1 of Schedule 12 to Regulation 798 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 432/72, is revoked and the following substituted therefor:

1. In the Territorial District of,

i. Nipissing, being the City of North Bay, the towns of Bonfield, Cache Bay, Mattawa and Sturgeon Falls, the Improvement District of Cameron, the townships of Bonfield, Caldwell, Calvin, Chisholm, East Ferris, Field, Mattawan, Papineau and Springer, and the geographic townships of Badgerow, Beaucage, Clarkson, Crerar, Falconer, Gibbons, Grant, Hugel, Kirkpatrick, Loudon, Lyman, Macpherson, Pedley, Pentland, Phelps and Poitras, and

ii. Parry Sound, being the townships of Nipissing, North Himsworth and South Himsworth.

4. Paragraph 1 of Schedule 14 to Regulation 798 of Revised Regulations of Ontario, 1970, as remade by section 5 of Ontario Regulation 432/72, is revoked and the following substituted therefor:

1. In the Territorial District of Timiskaming, being the towns of Charlton, Englehart and Kirkland Lake, the Improvement District of Gauthier, the townships of Chamberlain, Larder Lake and McGarry and the geographic townships of Boston, Cairo, Grenfell, Lebel, Maisonville and Otto.

5. Paragraph 1 of Schedule 18 to Regulation 798 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 452/72, is revoked and the following substituted therefor:

1. In the territorial districts of Cochrane and Timiskaming, being the City of Timmins.

## THE SECONDARY SCHOOLS AND BOARDS OF EDUCATION ACT

### O. Reg. 250/73.

Designation of School Divisions in Territorial Districts.

Made—April 18th, 1973.

Filed—April 25th, 1973.

## REGULATION MADE UNDER THE SECONDARY SCHOOLS AND BOARDS OF EDUCATION ACT

1. Subparagraphs iv and v of paragraph 1 of Schedule 4 to Regulation 793 of Revised Regulations of Ontario, 1970, as remade by section 3 of Ontario Regulation 354/72, are revoked and the following substituted therefor:

iv. the Improvement District of the North Shore,

v. the geographic townships of Bright, Cobden, Gladstone, Grasett, Mack, Montgomery, Parkinson, Patton, Scarfe, Tp. 161, Tp. 162, Tp. 167, Tp. 168 and Tp. 175 and the portion of the geographic township of Striker not included in the Improvement District of the North Shore, and

vi. all the islands south of the Improvement District of the North Shore and the geographic townships of Bright, Cobden and Striker.

2. Sub-subparagraph c of subparagraph i of paragraph 1 of Schedule 6 to Regulation 793 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 431/72, is revoked and the following substituted therefor:

c. the geographic townships of Aurora, Blount, Brower, Calder, Clute, Colquhoun, Fournier, Fox, Guibord, Hanna, Kennedy, Lamarche, Leitch, Munro, Newmarket, Ottawa, Pyne, St. John and Teefy, and

3. Paragraph 1 of Schedule 9 to Regulation 793 of Revised Regulations of Ontario, 1970, as remade by section 4 of Ontario Regulation 431/72, is revoked and the following substituted therefor:

1. In the territorial districts of Cochrane and Timiskaming, being the City of Timmins.

4. Subparagraphs i and ii of paragraph 1 of Schedule 12 to Regulation 793 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:



- i. the townships of Ear Falls and Red Lake,
  - ii. the Improvement District of Balmertown,
5. Subparagraph v of paragraph 1 of Schedule 21 to Regulation 793 of Revised Regulations of Ontario, 1970, as remade by section 5 of Ontario Regulation 431/72, is revoked and the following substituted therefor:
- v. the portion of the geographic township of Hyman that is not part of the Town of Walden.
- 6.—(1) Subparagraph ii of paragraph 1 of Schedule 22 to Regulation 793 of Revised Regulations of Ontario, 1970, as remade by

- section 6 of Ontario Regulation 431/72, is revoked and the following substituted therefor:
- ii. the towns of Capreol, Nickel Centre, Onaping Falls, Rayside-Balfour, Valley East and Walden,
- (2) Subparagraphs ix and x of the said paragraph 1, as remade by section 6 of Ontario Regulation 431/72, are revoked and the following substituted therefor:
- ix. the portion of the geographic township of Dryden that is not part of the Town of Nickel Centre, and
  - x. the portion of the geographic township of Trill that is not part of the Town of Walden.
- (5426)19

# THE LAND TRANSFER TAX ACT

## O. Reg. 251/73.

Affidavit Under Section 4 of the Act.

Made—April 18th, 1973.

Filed—April 25th, 1973.

## REGULATION MADE UNDER THE LAND TRANSFER TAX ACT

- 1. Sections 1 and 2 of Ontario Regulation 152/71 are revoked and the following substituted therefor:
  - (1) Prior to the 1st day of October, 1973, the affidavit required under section 4 of the Act may be in Form 1 or Form 2.
- (2) On and after the 1st day of October, 1973, the affidavit required under section 4 of the Act shall be in Form 2. O. Reg. 251/73, s. 1.
- 2. Ontario Regulation 152/71 is amended by adding thereto the following Form:

### Form 2

#### *The Land Transfer Tax Act*

### AFFIDAVIT

#### IN THE MATTER OF The Land Transfer Tax Act

PROVINCE OF ONTARIO

TO WIT:

I,  
 of the  
 in the  
 named in the within (or annexed)  
 transfer make oath and say:

- 1. I am.....named in the within (or annexed) transfer.



This affidavit may be made by the purchaser or vendor or by any one acting for them under power of attorney or by an agent accredited in writing by the purchaser, or vendor or by the solicitor of either of them or by some other person approved by the Minister of Revenue

- 2. I have a personal knowledge of the facts stated in this affidavit.
- 3.—(1) The total consideration for this transaction has been allocated as follows:

- (a) Land, building, fixtures and goodwill..... \$
- (b) Chattels—items of tangible personal property. (see note)..... \$
- TOTAL CONSIDERATION..... \$

- (2) The true consideration for the transfer or conveyance for Land Transfer Tax purposes is as follows:

- (a) Monies paid in cash..... \$
- (b) Property transferred in exchange..... \$ (Detail Below)
- (c) Securities transferred to the value of..... \$ (Detail Below)
- (d) Balances of existing encumbrances with interest owing at date of transfer..... \$
- (e) Monies secured by mortgage under this transaction..... \$
- (f) Liens, legacies, annuities and maintenance charges to which transfer is subject..... \$
- (g) Other..... \$ (Detail Below)
- TOTAL CONSIDERATION (should agree with 3 (1) (a) above)..... \$

All blanks must be filled in.

- 4. If consideration is nominal, is the transfer for natural love and affection? .....
- 5. If so, what is the relationship between Grantor and Grantee?.....
- 6. Other remarks and explanations, if necessary.....

SWORN before me at the  
of

this      day of      A.D. 19

A Commissioner, etc.

NOTE TO PARAGRAPH 3(1) (b): Chattels: Retail sales tax is payable on the valuation of items shown in 3(1) (b) unless otherwise exempted under the provisions of *The Retail Sales Tax Act*.

For the purpose of this affidavit insert above only the value of chattels, the total value of which in the opinion of the deponent exceeds \$100.00. This does not exonerate a purchaser from the payment of Retail Sales Tax on any tangible personal property as part of this transaction. When chattels are purchased as part of this transaction with a value of less than \$100.00, the applicable tax should be paid by the purchaser to the Treasurer of Ontario and remitted to the Minister of Revenue.

RST-LT-10(REV. 03/73)

O. Reg. 251/73, s. 2, *Form*.

(5427)

19

#### THE GUARANTEE COMPANIES SECURITIES ACT

##### O. Reg. 252/73.

Approved Guarantee Companies.

Made—April 18th, 1973.

Filed—April 26th, 1973.

#### REGULATION MADE UNDER THE GUARANTEE COMPANIES SECURITIES ACT

1. The Schedule to Regulation 387 of Revised Regulations of Ontario, 1970, as remade by Ontario Regulation 37/72 and amended by Ontario Regulations 240/72 and 465/72, is further amended by adding thereto the following item:

66a. Pitts Insurance Company

(5428)

19

#### THE REGISTRY ACT

##### O. Reg. 253/73.

Registry Divisions.

Made—April 18th, 1973.

Filed—April 26th, 1973.

#### REGULATION MADE UNDER THE REGISTRY ACT

1. Regulation 779 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:

20. Effective the 30th day of April, 1973,

- (a) that part of Area 2 in the Registry Division of Essex as shown on a plan filed in the office of the Registrar of Regulations as No. 1551 is annexed to the Registry Division of Kent;
- (b) that part of Area 3 in the Registry Division of Kent as shown on the plan referred to in clause *a* is annexed to the Registry Division of Elgin;
- (c) those parts of Area 4 in the Registry Divisions of Elgin and Haldimand as shown on the plan referred to in clause *a* are annexed to the Registry Division of Norfolk;
- (d) those parts of Area 5 in the Registry Division of Norfolk as shown on the plan referred to in clause *a* are annexed to the Registry Division of Haldimand.
- (e) that part of Area 6 in the Registry Division of Haldimand as shown on the plan referred to in clause *a* is annexed to the Registry Division of Niagara South.

O. Reg. 253/73, s. 1.

(5429)

19

## THE LAND TITLES ACT

## O. Reg. 254/73.

Land Titles Divisions.

Made—April 18th, 1973.

Filed—April 26th, 1973.

REGULATION MADE UNDER  
THE LAND TITLES ACT

1. Regulation 554 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following section:
12. Effective the 30th day of April, 1973,
  - (a) the operation of *The Land Titles Act* is extended to those parts of the Counties of Kent, Norfolk and Haldimand, being those parts of Lake Erie that are shown as areas 2, 3, 4, 5 and 6 on a plan filed in the office of the Registrar of Regulations as No. 1551;
  - (b) those parts of the Counties of Kent, Norfolk and Haldimand to which the operation of *The Land Titles Act* is extended by clause a shall be known respectively as the Land Titles Divisions of Kent (Lake Erie), Norfolk (Lake Erie), and Haldimand, (Lake Erie);
  - (c) the offices for the land titles system for those parts of the Counties of Kent, Norfolk and Haldimand to which the operation of *The Land Titles Act* is extended by clause a shall be combined with the office for the registry system for the County of Elgin;
  - (d) that part of Area 2 referred to in clause a in the Land Titles Division of Essex is annexed to the Land Titles Division of Kent (Lake Erie);
  - (e) that part of Area 3 referred to in clause a in the Land Titles Division of Kent (Lake Erie) is annexed to the Land Titles Division of Elgin;
  - (f) those parts of Area 4 referred to in clause a in the Land Titles Divisions of Elgin and Haldimand (Lake Erie) are annexed to the Land Titles Division of Norfolk (Lake Erie);
  - (g) those parts of Area 5 referred to in clause a in the Land Titles Division of Norfolk (Lake Erie) are annexed to the Land Titles Division of Haldimand (Lake Erie); and
  - (h) that part of Area 6 referred to in clause a in the Land Titles Division of Haldimand (Lake Erie) is annexed to the Land Titles Division of Niagara South. O. Reg. 254/73, s. 1.
2. The Appendix to Regulation 554 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following items:

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
6a		Haldimand (Lake Erie)	April 30, 1973
9a		Kent (Lake Erie)	April 30, 1973
16a		Norfolk (Lake Erie)	April 30, 1973



**THE CHILDREN'S MENTAL  
HEALTH CENTRES ACT****O. Reg. 255/73.**

Application of Act.

Made—April 18th, 1973.

Filed—April 27th, 1973.

**REGULATION MADE UNDER  
THE CHILDREN'S MENTAL  
HEALTH CENTRES ACT**

1. Subsection 2 of section 1 of Ontario Regulation 32/71, as remade by section 1 of Ontario Regulation 236/71 and amended by subsection 2 of section 1 of Ontario Regulation 112/73, is further amended by adding thereto the following item:

3a. North York                      Adventure Place

2. Ontario Regulation 32/71 is amended by adding thereto the following section:

14.—(1) Every member of the Licensing Board of Review except for the chairman shall be paid \$65 for each day he is engaged upon the work of the board and the chairman shall be paid \$85 for each day that he is engaged upon the work of the board.

(2) In addition to the remuneration referred to in subsection 1, every member of the Licensing Board of Review shall be paid his necessary travelling and other expenses while engaged upon the work of the board. O. Reg. 255/73, s. 2.

3. This Regulation shall be deemed to have come into force on the 1st day of April, 1973.

(5433)

19

**THE MENTAL HEALTH ACT****O. Reg. 256/73.**

Application of Act.

Made—April 18th, 1973.

Filed—April 27th, 1973.

**REGULATION MADE UNDER  
THE MENTAL HEALTH ACT**

1. Schedule 3 to section 1 of Regulation 576 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 94/72, is amended by adding thereto the following item:

4. North York                      Adventure Place

2. This Regulation shall be deemed to have come into force on the 1st day of April, 1973.

(5434)

19

**THE LIQUOR LICENCE ACT****O. Reg. 257/73.**

General.

Made—April 6th, 1973.

Approve—April 25th, 1973.

Filed—April 27th, 1973.

**REGULATION MADE UNDER  
THE LIQUOR LICENCE ACT**

1. Subsection 2 of section 56 of Regulation 563 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(2) Fees that vary according to the amount or value of liquor purchased shall be paid not later than ten days following receipt of statements of fees payable in respect of such purchases. O. Reg. 257/73, s. 1.

2. Section 65 of Regulation 563 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

65. A corporation that applies for the issue or transfer to it of a licence shall be incorporated under the laws of Canada or under the laws of a province of Canada. O. Reg. 257/73, s. 2.

3. Section 67 of Regulation 563 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

67. All orders for the purchase of liquor by the holder of a licence shall be made in writing upon the forms approved by the Liquor Control Board of Ontario and shall be signed by the holder of a licence or his duly authorized employee. O. Reg. 257/73, s. 3.

4. Section 68 of Regulation 563 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

68. Receipt of liquor purchased by the holder of a licence shall be acknowledged in writing by the holder or his duly authorized employee and the written receipt shall be delivered forthwith by the person making the delivery, to the Liquor Control Board of Ontario, or where beer is purchased at a store operated by the Brewer's Warehousing Company Limited, to the Brewer's Warehousing Company Limited. O. Reg. 257/73, s. 4.

LIQUOR LICENCE BOARD OF ONTARIO:

J. MACKAY  
Chairman

Dated at Toronto, this 6th day of April, 1973.

(5435)

19

**THE PLANNING ACT****O. Reg. 258/73.**

Restricted Areas—County of Kent, Township of Chatham.

Made—April 19th, 1973.

Filed—April 27th, 1973.

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**ORDER MADE UNDER  
THE PLANNING ACT**

1. Ontario Regulation 10/73, as amended by Ontario Regulation 102/73, is further amended by adding thereto the following section:

7. Notwithstanding any other provisions of this Order, the land described in Schedule 1 may be used for a golf driving range and miniature golf course provided the following requirements are met:

**ACCESSORY BUILDINGS AND STRUCTURES**

1. Only one accessory building incidental to the main use shall be permitted.
2. The floor area of an accessory building shall not exceed 500 square feet.
3. Accessory buildings shall not be located closer than 160 feet from the centreline of a public road.

**ILLUMINATION**

Lighting fixtures shall provide for light to be directed downward and away from adjacent lots.

**PARKING**

A minimum parking area of 7000 square feet shall be provided for automobiles and shall be constructed and maintained with a stable surface which will prevent the formation of dust and loose particles.  
O. Reg. 258/73, s. 1.

2. Ontario Regulation 10/73, as amended by Ontario Regulation 102/73, is further amended by adding thereto the following Schedule:

**Schedule 1**

All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Chatham in the County of Kent, and being composed of part of Lot 1, in Concession IV, more particularly described as follows:

Beginning at a point distant seventeen feet measured northwesterly at right angle from the southeasterly limit of said Lot 1 and also distant 100 feet

measured southwesterly and parallel with the said southeasterly limit of Lot 1 from the northeasterly limit of said Lot 1;

Thence southwesterly parallel with said southeasterly limit of Lot 1, a distance of 384.20 feet to a point;

Thence northwesterly parallel with the northeasterly limit of Lot 1 a distance of 1134 feet to a point in the limit between the northwesterly three-quarters and the southeasterly one-quarter of Lot 1;

Thence northeasterly along the limit between the northwesterly three-quarters and the southeasterly one-quarter of Lot 1, a distance of 384.2 feet more or less to a point in a line drawn through the point of beginning parallel with said northeasterly limit of Lot 1;

Thence southeasterly parallel with said northeasterly limit a distance of 1138.8 feet more or less to the point of beginning. O. Reg. 258/73, s. 2.

G. M. FARROW

*Director,*

*Plans Administration Branch,  
Ministry of Treasury, Economics  
and Intergovernmental Affairs*

Dated at Toronto, this 19th day of April, 1973.

(5436)

19

**THE CROP INSURANCE ACT (ONTARIO)****O. Reg. 259/73.**

Crop Insurance Plan—Corn.

Made—March 30th, 1973.

Approved—April 25th, 1973.

Filed—April 27th, 1973.

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**REGULATION MADE UNDER  
THE CROP INSURANCE ACT (ONTARIO)**

- 1.—(1) Subsection 1 of section 9 of the Schedule to Ontario Regulation 187/72, as remade by section 2 of Ontario Regulation 115/73, is revoked and the following substituted therefor:

(1) Subject to subsections 2, 3 and 4, the coverage provided under a contract of insurance shall be 70 per cent of the average farm yield in bushels or tons of the total acreage seeded to corn by the insured person in accordance with the regulations. O. Reg. 259/73, s. 1 (1).

- (2) Subsection 4 of the said section 9, as remade by section 2 of Ontario Regulation 115/73, is revoked and the following substituted therefor:



(4) In areas having 2500 heat units or less no coverage for grain corn is provided.

(5) For the purposes of this plan, except in areas having 2500 heat units or less, six bushels of grain corn are deemed to be the equivalent of one ton of corn silage.

(6) The number of bushels or tons determined under subsections 1, 2 and 3 constitutes the total guaranteed production under a contract of insurance. O. Reg. 259/73, s. 1 (2).

(3) Subsection 5 of the said section 9, as made by section 2 of Ontario Regulation 115/73, is revoked.

2. Subparagraphs 2 and 3 of paragraph 10 of Form 2 of Ontario Regulation 187/72, as remade by subsection 2 of section 9 of Ontario Regulation 115/73, are revoked and the following substituted therefor:

(2) Where the harvesting of any seeded acreage is not completed by,

(a) for areas having 2500 heat units or less, the 1st day of November; or

(b) for all other areas, the 1st day of December,

the insured person shall forthwith notify the Commission in writing and the Commission shall determine,

(c) the number of unharvested acres and the potential production thereof; and

(d) whether the harvesting of the seeded acreage was prevented by reason of one or more of the causes of loss insured against.

(3) Where the harvesting was prevented by reason of one or more of the causes of loss insured against, the Commission,

(a) for areas having 2500 heat units or less, may terminate the contract of insurance and the amount of loss which shall be taken into account in the final adjustment of loss shall be calculated by multiplying the amount by which the guaranteed production for the unharvested acreage exceeds the potential corn silage production determined under subparagraph 2; or

(b) for all other areas, may extend the contract of insurance until the crop has been harvested or abandoned or destroyed.

(3a) Where, in an area having 2500 heat units or less, the insured person intends to use any seeded acreage for any purpose other than harvesting as corn silage, he shall forthwith notify the Commission in writing so a pre-harvest inspection can be made and the Commission shall determine the potential corn silage production.

THE CROP INSURANCE COMMISSION OF ONTARIO:

HENRY EDIGER  
*Chairman*

RONALD ATKINSON  
*Secretary*

Dated at Toronto, this 30th day of March, 1973.

(5437)

19



# Publications Under The Regulations Act

May 19th, 1973

## THE ONTARIO ENERGY BOARD ACT

### O. Reg. 260/73.

Rules of Procedure.

Made—April 11th, 1973.

Approved—April 25th, 1973.

Filed—April 30th, 1973.

### REGULATION MADE UNDER THE ONTARIO ENERGY BOARD ACT

1. Clause *b* of section 1 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  - (b) "respondent" means a person, other than the applicant, named in an application as a person affected and such other person as the Board directs to be served with notice of the application.
- 2.—(1) Clause *d* of subsection 1 of section 3 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  - (d) where the applicant is of the opinion that the application affects any person other than the applicant,
    - (i) set out the name and address of that other person, or
    - (ii) in the case of an application in respect of rates or in the case of any other application where it is impractical to set out the names and addresses of all persons affected by the application because they are too numerous or for any other reason, set out,
      - a. the reason that it is impractical to set out the names and addresses,
      - b. a general description of each class of persons affected by the application, and
      - c. a brief statement of the nature of the effect on each such class of persons.
- (2) Subsection 2 of the said section 3 is revoked and the following substituted therefor:
  - (2) The style of cause of an application,
    - (a) shall state the name of the applicant;
    - (b) shall describe the general nature of the application and the relief sought;
    - (c) shall contain a reference to the statute under which the application is made; and
    - (d) need not state the name of a respondent.
- (3) Upon the filing of an application the Board,
  - (a) shall give directions as to,
    - (i) the form of notice of the application, and
    - (ii) service of notice of the application; and
  - (b) where the Board, at the time it gives directions for service of notice of the application, sets a date for hearing the application the Board may direct service of a combined notice of application and of hearing.
- (4) A notice of application shall state the time limits for the filing and service of an answer.
- (5) The applicant shall serve notice of the application in accordance with the directions of the Board and shall, forthwith after completing service, file with the Board an affidavit of service showing compliance with the directions and showing the date or dates of service. O. Reg. 260/73, s. 2 (2).
- 3.—(1) Subsection 1 of section 4 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:
  - (1) A respondent who intends to oppose or otherwise intervene in an application shall file an answer to the application and serve a copy of the answer upon the applicant or, where the name of the solicitor for the applicant is set out in the application, upon the solicitor for the applicant.

(1a) The filing or service of an answer by a respondent to an application shall be made by delivering in person or by mailing the answer by registered mail within fourteen days after the day of service of notice of the application upon the respondent. O. Reg. 260/73, s. 3 (1).

(2) Clause *b* of subsection 2 of the said section 4 is revoked and the following substituted therefor:

(b) contain a clear and concise statement of the interest of the respondent and his grounds for opposing the application or otherwise intervening; and

(3) Subsection 3 of the said section 4 is revoked.

4.—(1) Subsection 1 of section 5 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(1) An applicant may file a reply to the answer of a respondent and shall serve a copy of the reply upon the respondent or, where the name of the solicitor for the respondent is set out in the answer, upon the solicitor for the respondent.

(1a) The filing or service of a reply to an answer by a respondent shall be made by delivering in person or by mailing the reply by registered mail within ten days after the day of service of the answer by the respondent. O. Reg. 260/73, s. 4 (1).

(2) Subsection 3 of the said section 5 is revoked.

5. Section 6 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

6. Sections 4, 5 and 7 do not apply to an application for an order to be made under sections 40, 41 or 43 of the Act. O. Reg. 260/73, s. 5.

6. Section 7 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

7. Where a hearing is to be held, the Board shall serve upon the parties or direct a party to the proceeding to serve upon the other parties a notice of the hearing. O. Reg. 260/73, s. 6.

7.—(1) Subsection 3 of section 8 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(3) Service or filing by registered mail is deemed to be effected on the fifth day after the date of mailing. O. Reg. 260/73, s. 7 (1).

(2) Subsection 4 of the said section 8 is revoked and the following substituted therefor:

(4) The Board, where in its opinion the circumstances so require, may direct service of any notice, document or paper by public advertisement and any such service shall be deemed to be effected on the last date of publication. O. Reg. 260/73, s. 7 (2).

8. Section 11 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked.

9. Form 1 of Regulation 627 of Revised Regulations of Ontario, 1970 is revoked.

ONTARIO ENERGY BOARD:

S. W. CLARKSON

A. B. JACKSON

I. C. MACNABB

D. M. TREADGOLD

Dated at Toronto, this 11th day of April, 1973.

(5468)

20

## THE HISTORICAL PARKS ACT, 1972

O. Reg. 261/73.

Parks.

Made—April 25th, 1973.

Filed—April 30th, 1973.

### REGULATION MADE UNDER THE HISTORICAL PARKS ACT, 1972

#### PARKS

1. The public lands described in the schedules hereto are set apart as historical parks. O. Reg. 261/73, s. 1.

#### Schedule 1

#### SAINTE-MARIE AMONG THE HURONS HISTORICAL PARK

In the Township of Tay in the County of Simcoe and in the Town of Midland in the said County and more particularly described as follows:

Premising that the bearings herein mentioned in paragraphs 1, 2 and 3 are astronomic and are referred to the meridian passing through the northeasterly corner of Lot 16, Concession III in the Township of Tay at longitude 79° 50' 10" west and are derived from north 31° 48' 15" west of the easterly limit of Lot 16, Concession III in the said Township, in accordance with Municipal Survey No. 861, of record in the Ministry of Natural Resources;



1. Part of the east halves of lots 17, 18 and 19 in Concession III, containing an area of 29.19 acres, more or less, and being in the said Town of Midland;

Beginning where a survey post has been planted in the westerly limit of the said east half of Lot 17, Concession III, distant 61.12 feet measured north  $31^{\circ} 07' 50''$  west along the westerly limit of the said east half of Lot 17, from the southwesterly corner thereof; thence north  $31^{\circ} 07' 50''$  west along the said westerly limit 114.90 feet to a survey post planted; thence north  $31^{\circ} 13'$  west continuing along the said westerly limit 1,845.91 feet to a survey post planted at the southwest corner of the east half of Lot 18, Concession III; thence north  $31^{\circ} 17' 30''$  west along the westerly limit of the said east half of Lot 18, 207.98 feet to a survey post planted; thence north  $31^{\circ} 40' 30''$  west continuing along the said westerly limit of the east half of Lot 18, 1,807.68 feet to a survey post planted at the southwest corner of the east half of Lot 19 in Concession III; thence north  $31^{\circ} 29'$  west along the westerly limit of the said east half of Lot 19, Concession III, 104 feet, more or less, to a point in the high-water mark of Midland Bay of Lake Huron; thence in a general northwesterly and southeasterly direction following the said high-water mark of Midland Bay and the high-water mark along the westerly bank of the Wye River to a point in a line drawn on a course of north  $69^{\circ} 31'$  east from the place of beginning; thence south  $69^{\circ} 31'$  west 133 feet more or less to the place of beginning.

2. Part of the east and west halves of Lot 16, Concession III and part of the road allowance between the east and west halves of lots 15 and 16, Concession III in the Township of Tay, containing 46 acres, more or less, and more particularly described as follows:

Beginning at the northeasterly corner of the west half of Lot 15, Concession III; thence south  $31^{\circ} 45'$  east 259.18 feet to a survey post planted at the intersection of the southerly limit of the road allowance between the east halves of lots 15 and 16 in Concession III with the westerly limit of the east half of Lot 15, Concession III; thence north  $59^{\circ} 29' 30''$  east along the said southerly limit of the road allowance 1,149.22 feet to a survey post planted in the southwesterly limit of the right-of-way of the Canadian National Railways; thence northwesterly on a curve to the left of radius 1,860.08 feet an arc distance of 68.79 feet, the chord equivalent being 68.79 feet measured north  $47^{\circ} 10' 22''$  west; thence continuing northwesterly on said curve of radius 1,860.08 feet an arc distance of 778.64 feet, the chord equivalent being 772.97 feet measured north  $60^{\circ} 13' 28''$  west to a survey post planted at the end of curve; thence north  $72^{\circ} 13'$  west 89.38 feet to a survey post planted; thence north  $17^{\circ} 47'$  east 23.0 feet to a survey post planted; thence north  $72^{\circ} 13'$  west 1,118.46 feet to a survey post planted and which said survey post is hereinafter designated as Point K; thence continuing north  $72^{\circ} 13'$  west 163 feet, more or less, to a point in the centreline of the Wye River; thence in a general southerly

direction following the said centreline of river to a point distant 171.33 feet measured north  $72^{\circ} 13'$  west from a point distant 396.06 feet measured on a course of south  $18^{\circ} 49'$  west from the hereinbefore mentioned Point K; thence south  $72^{\circ} 13'$  east 127 feet, more or less, to a point in the high-water mark along the easterly bank of the Wye River; thence in a general southerly direction following the said high-water mark to its intersection with the southerly limit of the road allowance between the west halves of lots 15 and 16, Concession III; thence north  $58^{\circ} 47' 30''$  east along the said southerly limit 978.0 feet, more or less to the place of beginning, together with all the lands and premises in Concession III, Township of Tay, bounded by the centreline of the Wye River, the southerly limit of the road allowance between lots 15 and 16 in the said concession, the projection westerly of the most northerly limit of the above described parcel and the high-water mark along the easterly bank of the Wye River.

3. Part of the east half of Lot 16, Concession III in the Township of Tay, containing 2.24 acres, more or less, and more particularly described as follows:

Beginning where a survey post has been planted in the northerly limit of the right-of-way of the Canadian National Railways distant 166.16 feet measured north  $18^{\circ} 49'$  east from a point distant 435.34 feet measured on a course of south  $31^{\circ} 40' 30''$  east from the northwest corner of the east half of Lot 16, Concession III and which said corner is witnessed by a survey post planted distant 61.12 feet measured north  $31^{\circ} 07' 50''$  west therefrom; thence south  $52^{\circ} 39'$  east 141.0 feet to a survey post planted; thence south  $72^{\circ} 13'$  east 354.9 feet to a survey post planted; thence north  $5^{\circ} 59'$  east 252.43 feet to a survey post planted; thence north  $83^{\circ} 27'$  west 303.01 feet to a survey post planted; thence north  $1^{\circ} 27'$  east 15.0 feet to a survey post planted; thence north  $88^{\circ} 33'$  west 201.56 feet to a point in the high-water mark along the easterly bank of the Wye River; thence in a general southerly direction following the said high-water mark to a point in a line drawn on a course of north  $52^{\circ} 39'$  west from the place of beginning; thence south  $52^{\circ} 39'$  east 45 feet, more or less, to the point of beginning.

4. Part of the east half of Lot 16, Concession III in the Township of Tay in the County of Simcoe and more particularly described as follows:

Premising that the bearings herein are astronomic derived from the south limit of that part of the King's Highway known as No. 12 having a bearing of  $84^{\circ} 2'$  west as shown on Plan No. 16364 (Tay) (P-1920-2) and referred to the meridian through the southeast corner of Lot 16, Concession IV, Township of Tay and relating all bearings herein thereto.

Beginning at a point in the south limit of that part of the King's Highway known as No. 12, which point may be located as follows:



Beginning at the southeast corner of the said Lot 16, Concession III; thence south 75° 21' 21" west 603.96 feet; thence on a curve to the right having a radius of 998.37 feet an arc distance of 262.91 feet, the chord equivalent being 262.15 feet on a bearing of north 71° 59' 39" west; thence north 64° 27' west 252.92 feet; thence north 73° 3' west 474.37 feet to the place of beginning; thence north 84° 2' west along the south limit of that part of the King's Highway known as No. 12, 210.61 feet; thence south 5° 58' west 30 feet; thence south 81° 53' 30" east 355.26 feet; thence south 23° west 85 feet; thence north 89° 40' 30" west 649.30 feet; thence south 17° 44' west 192.09 feet to the northerly limit of the right-of-way of the Canadian National Railways; thence south 72° 15' east along that northerly limit 100 feet; thence north 17° 44' east 97.71 feet; thence south 89° 40' 30" east 701.73 feet; thence north 16° 57' east 180.28 feet to the southerly limit of that part of the King's Highway known as No. 12; thence north 73° 3' west 290 feet, more or less, to the place of beginning. O. Reg. 261/73, Sched. 1.

### Schedule 2

#### THE PENETANGUISHENE MILITARY AND NAVAL ESTABLISHMENT HISTORICAL PARK

1. In the Township of Tay in the County of Simcoe being composed of part of lots 122, 123 and 124 in Concession I, E.P.R., part of Lot 124 in Concession II, E.P.R., and part of the road allowance between concessions I and II, E.P.R. and, premising that all bearings are astronomic, more particularly described as follows:

Beginning at a point in the interior of Lot 122 in Concession I, E.P.R. which said point may be located as follows:

Beginning at a point in the northerly limit of Navy Street distant 37.43 feet on a bearing of north 1° 54' west from the northwesterly angle of Lot 95 according to a plan registered in the registry office for the Registry Division of Simcoe as No. 70, Town of Penetanguishene; thence continuing north 1° 54' west 125.43 feet to a standard iron bar planted at a point of curve; thence on a curve to the left, having a radius of 853 feet, an arc measurement of 240.19 feet to a standard iron bar planted at a point of tangent; thence north 18° 2' west 234.29 feet to a standard iron bar planted; thence continuing north 18° 2' west 406.35 feet to an iron bar planted; thence continuing north 18° 2' west 406.35 feet to an iron bar planted; thence continuing north 18° 2' west 82.96 feet to a point where a standard iron bar is planted, which point is the place of beginning; thence north 18° 2' west a distance of 500 feet to a standard iron bar planted at a point of curve; thence on a curve to the left, having a radius of 768 feet and an arc distance of 93.64 feet to a standard iron bar planted at a point of tangent; thence north 25° 2' west 285.60 feet to a standard iron bar planted; thence north 18° 32'

west 110.32 feet to a standard iron bar planted; thence north 14° 50' west 1067.61 feet, to a standard iron bar planted; thence north 23° 47' east 208.42 feet to a standard iron bar planted; thence south 66° 23' east 99.43 feet to a standard iron bar planted; thence north 50° 55' east 830.04 feet to a standard iron bar planted; thence north 34° 46' 30" west 160.58 feet to a standard iron bar planted; thence north 49° 57' 30" east 229.03 feet to a standard iron bar planted; thence north 29° 31' west 275.80 feet, more or less, to a standard iron bar planted at a point in the high-water mark of Penetanguishene Bay; thence in a general northwesterly direction following that high-water mark to and around a point of land; thence continuing along that high-water mark and in a general southwesterly direction 4090 feet, more or less, to a point in that high-water mark that is distant 130 feet, more or less, from the place of beginning, measured on a bearing of south 71° 58' west; thence north 71° 58' east 130 feet, more or less, to the place of beginning.

2. That part of Magazine Island in Penetanguishene Harbour lying above the high-water mark thereof. O. Reg. 261/73, Sched. 2.

### Schedule 3

#### NANCY ISLAND HISTORICAL PARK

1. In the Village of Wasaga Beach, formerly in the Township of Sunnidale, in the County of Simcoe, being composed of the whole of lots 20, 21, 22 and 23 as shown on a plan registered in the registry office for the Registry Division of Simcoe as No. 525 and designated as Part 3 on Ministry of Government Services Plan of Survey No. 416-15L.

2. In the Township of Sunnidale, now in the Village of Wasaga Beach, in the County of Simcoe and being composed of parts of Fourth and Fifth Streets according to a plan registered in the registry office for the Registry Division of Simcoe as No. 525, the boundaries of the said parts being more particularly described as follows:

Premising that the bearings are astronomical and are referred to the meridian through the north-easterly corner of Lot 9 in Concession XVI in the Township of Sunnidale and were derived from the tangent north 9° 26' west in the easterly limit of Registered Plan 525 in accordance with Registered Plan 1458 and relating all bearings herein thereto:

*Firstly:* Part of Fourth Street according to the said Registered Plan 525 and more particularly described as follows:

Beginning at the most northerly corner of Lot 19 according to the said Registered Plan 525; thence north 18° 5' east 68.89 feet to the most westerly corner of Lot 20 according to the said Registered Plan 525; thence south 55° 10' 30" east along the southwesterly limit of the said Lot 20, 183.19 feet, more or less, to the high-water mark of the Notta-

wasaga River; thence in a general southwesterly direction and following that high-water mark to its intersection with the northeasterly limit of the said Lot 19; thence north 55° 10' 30" west along that northeasterly limit, 167.11 feet, more or less, to the place of beginning, and designated as Part 1 on Ministry of Government Services Plan of Survey No. 416-15L.

*Secondly:* Part of Fifth Street according to the said Registered Plan 525 and more particularly described as follows:

Beginning at the most northerly corner of Lot 23 according to the said Registered Plan 525; thence north 17° 20' east 69.30 feet to the most westerly corner of Lot 24, according to the said Registered Plan 525; thence south 54° 56' east along the southwesterly limit of the said Lot 24 and continuing along the southwesterly limit of Lot 1 according to a plan registered in the said registry office as No. 1458, 157.89 feet, more or less, to the high-water mark of the Nottawasaga River; thence in a general southwesterly direction and following that high-water mark to its intersection with the northeasterly limit of the said Lot 23; thence north 54° 56' west along that northeasterly limit, 147.59 feet, more or less, to the place of beginning, and designated as Part 2 on Ministry of Government Services Plan of Survey No. 416-15L.

3. All those parcels or tracts of land in the Nottawasaga River in the Township of Sunnidale, now in the Village of Wasaga Beach in the County of Simcoe, being composed of those parts of the said township known as Nancy Island and Tower Island, lying opposite 2nd, 3rd, 4th and 5th Streets and lots 10 to 23, both inclusive, according to a plan registered in the registry office for the Registry Division of Simcoe as No. 525 and Lot 1 according to a plan registered in the said registry office as No. 1458, and designated as parts 1 and 2 on a plan and field notes of survey dated September 7, 1967, signed by A. de Graaf, Ontario Land Surveyor, of record in the Ministry of Natural Resources as Location D.P.W. 5 and of record in the Ministry of Government Services as No. 416-301L. O. Reg. 261/73, Sched. 3.

#### Schedule 4

##### FORT WILLIAM HISTORICAL PARK

All that parcel or tract of land in the Township of Neebing, now in the City of Thunder Bay, in the Province of Ontario and being composed of part of Lot 19 in Concession I north of the Kaministiquia River and part of the original road allowance in front of the said Lot 19 in the said township and which parcel or tract of land may be described as follows:

Premising that the bearings hereinafter mentioned are astronomical and are derived from the easterly limit of the said lot having a bearing of due north.

Beginning at a point in the said lot which may be located as follows:

Beginning at the northwesterly corner of the said lot; thence due south along the westerly limit of the said lot 1893.78 feet to the southerly limit of New Broadway Street; thence south 89° 06' 30" east along the said south limit 410.22 feet more or less to a line drawn parallel to the easterly limit of the said lot and 920.0 feet measured perpendicularly westerly therefrom; thence due south along the said parallel line 1555.25 feet; thence south 84° 14' west 80.41 feet to its intersection with a line drawn parallel to the said easterly limit of the said Lot 19 and distant 1000 feet measured perpendicularly westerly therefrom being the point of commencement; thence due south 1340.20 feet; thence south 30° 56' west 109.29 feet; thence south 55° 04' east 391.0 feet, more or less, to the high-water mark of the Kaministiquia River; thence in a general southerly, westerly, northwesterly and northerly direction following the said high-water mark to the intersection with a line drawn south 84° 14' west from the point of commencement; thence north 84° 14' east 115.0 feet, more or less, to the place of beginning. O. Reg. 261/73, Sched. 4.

2. Regulation 221 of Revised Regulations of Ontario, 1970 is revoked.

(5469)

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#### THE MILK ACT

##### O. Reg. 262/73.

Industrial Milk—Marketing.

Made—April 27th, 1973.

Filed—May 1st, 1973.

#### REGULATION MADE UNDER THE MILK ACT

1.—(1) Subsection 3 of section 13 of Regulation 593 of Revised Regulations of Ontario, 1970, as remade by subsection 3 of section 1 of Ontario Regulation 184/73, is revoked and the following substituted therefor:

(3) All Class 4a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.30 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 262/73, s. 1 (1).

(2) Subsection 3a of the said section 13, as remade by subsection 1 of section 1 of Ontario Regulation 270/72, is revoked and the following substituted therefor:

(3a) All Class 4b milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price



of \$5.50 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 262/73, s. 1 (2).

- (3) Subsection 4a of the said section 13 as remade by subsection 5 of section 1 of Ontario Regulation 184/73, is revoked and the following substituted therefor:

(4a) All Class 5a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.07 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 262/73, s. 1 (3).

THE ONTARIO MILK MARKETING BOARD:

G. R. McLAUGHLIN  
*Chairman*

H. PARKER  
*Secretary*

Dated at Toronto, this 27th day of April, 1973.

(5470) 20

THE MILK ACT

O. Reg. 263/73.

Grade A Milk—Marketing.

Made—April 27th, 1973.

Filed—May 1st, 1973.

REGULATION MADE UNDER  
THE MILK ACT

- 1.—(1) Subsection 5a of section 16 of Regulation 591 of Revised Regulations of Ontario, 1970, as remade by subsection 3 of section 1 of Ontario Regulation 183/73, is revoked and the following substituted therefor:

(5a) All Class 4a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.30 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 263/73, s. 1 (1).

- (2) Subsection 5b of the said section 16, as remade by subsection 3 of section 1 of Ontario Regulation 444/72, is revoked and the following substituted therefor:

(5b) All Class 4b milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.50 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 263/73, s. 1 (2).

- (3) Subsection 6a of the said section 16, as remade by subsection 5 of section 1 of Ontario Regulation 183/73, is revoked and the following substituted therefor:

(6a) All Class 5a milk supplied to a processor shall be sold by the marketing board and bought by the processor for not less than a minimum price of \$5.07 per 100 pounds for milk testing 3.5 per cent milk-fat where the milk is delivered to the processor by tank truck. O. Reg. 263/73, s. 1 (3).

THE ONTARIO MILK MARKETING BOARD:

G. R. McLAUGHLIN  
*Chairman*

H. PARKER  
*Secretary*

Dated at Toronto, this 27th day of April, 1973.

(5471) 20

THE MINISTRY OF EDUCATION ACT

O. Reg. 264/73.

Permanent Teaching Certificates.

Made—April 12th, 1973.

Approved—April 25th, 1973.

Filed—May 1st, 1973.

REGULATION MADE UNDER  
THE MINISTRY OF EDUCATION ACT

1. Clause b of subsection 1 of section 2 of Regulation 199 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

(b) in the case of an applicant who was born outside of Canada, evidence that he is a Canadian citizen.

THOMAS L. WELLS  
*Minister of Education*

Dated at Toronto, this 12th day of April, 1973.

(5472) 20



**THE FOREST FIRES PREVENTION ACT****O. Reg. 265/73.**

Restricted Fire Zone.

Made—May 1st, 1973.

Filed—May 2nd, 1973.

**REGULATION MADE UNDER  
THE FOREST FIRES PREVENTION ACT****RESTRICTED FIRE ZONE**

1. The part of the White River Fire District described in Schedule "A" hereto is declared to be a restricted fire zone from the 1st day of May to the 31st day of October, both inclusive, in the year 1973.

O. Reg. 265/73, s. 1.

**SCHEDULE "A"**

In the geographic townships of Tp. 29, Range 23, Tp. 30, Range 23, Tp. 28, Range 24, Tp. 29, Range 24, Tp. 30, Range 24, Tp. 27, Range 25, Tp. 28, Range 25, Tp. 29, Range 25, Tp. 30, Range 25, Tp. 27, Range 26, Tp. 28, Range 26, and Tp. 29, Range 26, in the Territorial District of Algoma and described as follows:

Beginning at a point in the high-water mark on the westerly shore of Wawa Lake where the same is intersected by the northerly limit of Algoma Street as shown on a map of Wawa City signed by L. V. Rorke, Ontario Land Surveyor, dated June 4th, 1898 and of record in the Ministry of Natural Resources at Toronto; thence in a general northerly and northeasterly direction following the high-water mark on the westerly and northwesterly shores of Wawa Lake to the most easterly extremity thereof; thence south astronomically to a point in the northerly limit of that part of the King's Highway known as No. 101; thence in a general northeasterly direction following that limit to the intersection with the high-water mark on the northerly shore of the waters connecting Bremmer Lake and Hawk Lake; thence easterly following that high-water mark to the confluence with the high-water mark on the westerly shore of Hawk Lake; thence in a general northeasterly direction following that high-water mark and the high-water mark on the westerly shore of McVeigh Creek to the intersection with the westerly limit of the right of way of the main line of the Algoma Central Railway; thence in a general northerly direction following that limit to the intersection with the high-water mark on the easterly shore of Philip Lake; thence in a general northerly direction following that high-water mark to its intersection with the southerly limit of the Goudreau-Maggie Road; thence in a general westerly direction following that limit to the intersection with the high-water mark on the westerly shore of the Maggie River; thence in a general southwesterly direction following that high-water mark to its intersection with the upstream face of a dam one mile and 35 chains, more or less, measured

northerly and perpendicularly from the southerly boundary of the geographic Township of Tp. 29, Range 25; thence southwesterly in a straight line three miles and 40 chains, more or less, to the confluence of the high-water mark on the northeasterly shore of Catfish Lake with the high-water mark on the easterly shore of Catfish Creek; thence in a southerly direction following the high-water mark on the easterly shore of Catfish Lake and Catfish Creek to its confluence with the high-water mark on the northerly shore of the Maggie River; thence southwesterly in a straight line to the confluence of the high-water mark on the westerly shore of Catfish Creek with the high-water mark on the northerly shore of the Maggie River; thence in a general westerly, southerly and southeasterly direction following the high-water mark on the northerly and westerly shores of the Maggie River to the intersection with the northerly limit of the right-of-way of the Algoma Central Railway; thence in a general southeasterly, easterly, northerly and northwesterly direction following that limit to the intersection with the production westerly of the northerly limit of Algoma Street as shown on a map of Wawa City signed by L. V. Rorke, Ontario Land Surveyor, dated June 4th, 1898 and of record in the Ministry of Natural Resources; thence easterly along that production and that northerly limit to the point of beginning. O. Reg. 265/73, s. 1, Sched.

LEO BERNIER

*Minister of Natural Resources*

Dated at Toronto, this 1st day of May, 1973.

(5473)

20

**THE LOCAL ROADS BOARDS ACT****O. Reg. 266/73.**

Establishment of Local Roads Areas.

Made—April 30th, 1973.

Filed—May 3rd, 1973.

**ORDER MADE UNDER  
THE LOCAL ROADS BOARDS ACT**

1. Schedule 22 to Regulation 571 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**Schedule 22****DILL-SECORD LOCAL ROADS AREA**

All those portions of the townships of Dill, Secord and Tilton in the Territorial District of Sudbury shown outlined on Ministry of Transportation and Communications plan N-1260-4, filed in the office of the Registrar of Regulations at Toronto as No. 1545. O. Reg. 266/73, s. 1.

2. Schedule 41 to Regulation 571 of Revised Regulations of Ontario, 1970, as remade by section 1 of Ontario Regulation 56/72, is revoked and the following substituted therefor:

**Schedule 41**

**LONG LAKE LOCAL ROADS AREA**

All those portions of the Township of Eden in the Territorial District of Sudbury shown outlined on Ministry of Transportation and Communications plan N-1344-3, filed in the office of the Registrar of Regulations at Toronto as No. 1546. O. Reg. 266/73, s. 2.

3. Schedule 54 and 108 to Regulation 571 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:

**Schedule 54**

**ARMSTRONG LAKE LOCAL ROADS AREA**

All that portion of the Township of Trill in the Territorial District of Sudbury shown outlined on Ministry of Transportation and Communications plan N-1348-2, filed in the office of the Registrar of Regulations at Toronto as No. 1547. O. Reg. 266/73, s. 3, *part*.

. . . . .

**Schedule 108**

**SHERATON AND MACKLEM LOCAL  
ROADS AREA**

All those portions of the Township of Sheraton in the Territorial District of Cochrane and all that portion of the Township of Timmins in the Territorial District of Timiskaming shown outlined on Ministry of Transportation and Communications

plan N-1366-1, filed in the office of the Registrar of Regulations at Toronto as No. 1548. O. Reg. 266/73, s. 3, *part*.

4. Schedule 192 to Regulation 571 of Revised Regulations of Ontario, 1970, as made by section 5 of Ontario Regulation 97/71, is revoked and the following substituted therefor:

**Schedule 192**

**ROWELL LOCAL ROADS AREA**

All those portions of the townships of Rowell and Ladysmith and that portion of unsurveyed territory lying north of the Township of Rowell in the Territorial District of Kenora shown outlined on Ministry of Transportation and Communications plan N-1055-2, filed in the office of the Registrar of Regulations at Toronto as No. 1549. O. Reg. 266/73, s. 4.

5. Regulation 571 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 215**

**DICKENS LOCAL ROADS AREA**

All those portions of the Township of Dickens in the Territorial District of Nipissing shown outlined on Ministry of Transportation and Communications plan N-583-1, filed in the office of the Registrar of Regulations at Toronto as No. 1550. O. Reg. 266/73, s. 5.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 30th day of April, 1973.

(5474)

20

# Publications Under The Regulations Act

May 26th, 1973

## THE GUARANTEE COMPANIES SECURITIES ACT

### O. Reg. 267/73.

Approved Guarantee Companies.

Made—May 2nd, 1973.

Filed—May 7th, 1973.

## REGULATION MADE UNDER THE GUARANTEE COMPANIES SECURITIES ACT

1. The Schedule to Regulation 387 of Revised Regulations of Ontario, 1970, as remade by Ontario Regulation 37/72 and amended by Ontario Regulations 240/72 and 465/72, is further amended by adding thereto the following item:

70a. Safeco Insurance Company of America

(5514)

21

## THE CEMETERIES ACT

### O. Reg. 268/73.

Closings and Removals.

Made—May 2nd, 1973.

Filed—May 7th, 1973.

## REGULATION MADE UNDER THE CEMETERIES ACT

1. Regulation 79 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

### Schedule 25

THE JULIEN FAMILY CEMETERY  
LOCATED IN LOTS 1, 2 AND 3, REGISTERED PLAN 381,  
VILLAGE OF WHEATLEY,  
COUNTY OF YORK

O. Reg. 268/73, s. 1.

(5515)

21

## THE HIGHWAY TRAFFIC ACT

### O. Reg. 269/73.

Speed Limits.

Made—May 2nd, 1973.

Filed—May 7th, 1973.

## REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Part 5 of Schedule 2 to Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

17. That part of the King's Highway known as No. 3 in the County of Elgin lying between a point situate 200 feet measured easterly from its intersection with the centre line of the roadway known as Elgin County Road No. 25 in the Township of Southwold and a point situate 500 feet measured westerly from its intersection with the centre line of the roadway known as Stanley Street in the City of St. Thomas.

(5516)

21

## THE HIGHWAY TRAFFIC ACT

### O. Reg. 270/73.

Speed Limits.

Made—May 2nd, 1973.

Filed—May 7th, 1973.

## REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

- 1.—(1) Paragraphs 13 and 14 of Part 1 of Schedule 24 to Regulation 429 of Revised Regulations of Ontario, 1970 are revoked and the following substituted therefor:



13. That part of the King's Highway known as No. 17 lying between a point situate 750 feet measured westerly from its intersection with the westerly limit of the King's Highway known as No. 535 in the Township of Hagar in the Territorial District of Sudbury and a point situate 500 feet measured westerly from its intersection with the line between lots 5 and 6 in Concession 4 in that part of the Town of Nickel Centre in the Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dryden in the Territorial District of Sudbury.

14. That part of the King's Highway known as No. 17 lying between a point situate 780 feet measured westerly from its intersection with the westerly limit of the roadway known as Power Street in the City of Sudbury in the Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Town of Copper Cliff in the Territorial District of Sudbury and a point situate 500 feet measured easterly from its intersection with the line between lots 6 and 7 in Concession 1 in the Township of Baldwin in the Territorial District of Sudbury.

(2) Paragraphs 39 and 40 of Part 1 of the said Schedule 24 are revoked and the following substituted therefor:

39. That part of the King's Highway known as No. 17 in that part of the Town of Nickel Centre in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dryden in the Territorial District of Sudbury lying between a point situate 1600 feet measured westerly from its intersection with the line between lots 6 and 7 in Concession 4 and a point situate 500 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 537.

40. That part of the King's Highway known as No. 17 in The Regional Municipality of Sudbury lying between a point situate 2600 feet measured westerly from its intersection with the easterly limit of the King's Highway known as No. 537 in that part of the Town of Nickel Centre, that on the 31st day of December, 1972, was in the Township of Dryden in the Territorial District of Sudbury and a point situate at its intersection with the line between lots 6 and 7 in Con-

cession 4 in that part of the Town of Nickel Centre, that on the 31st day of December, 1972 was the Township of Neelon in the Territorial District of Sudbury.

(3) Part 3 of the said Schedule 24 is amended by adding thereto the following paragraph:

6. That part of the King's Highway known as No. 17 in that part of the City of Sudbury in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Town of Copper Cliff in the Territorial District of Sudbury lying between a point situate 440 feet measured westerly from its intersection with the westerly limit of the roadway known as Kelly Lake Road and a point situate 780 feet measured westerly from its intersection with the westerly limit of the roadway known as Power Street.

(4) Paragraph 20 of Part 4 of the said Schedule 24 is revoked and the following substituted therefor:

20. That part of the King's Highway known as No. 17 in that part of the Town of Nickel Centre in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dryden commencing at a point situate 500 feet measured easterly from its intersection with the easterly limit of the King's Highway known as No. 537 and extending westerly therealong for a distance of 3100 feet more or less.

(5) Paragraph 14 of Part 5 of the said Schedule 24 is revoked and the following substituted therefor:

14. That part of the King's Highway known as No. 17 in that part of the Town of Nickel Centre in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dryden in the Territorial District of Sudbury lying between a point situate 500 feet measured westerly from its intersection with the line between lots 5 and 6 in Concession 4 and a point situate 1600 feet measured westerly from its intersection with the line between lots 6 and 7 in the said Concession 4.

2.—(1) Paragraph 2 of Part 1 of Schedule 78 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 69 lying between a point situate 2500 feet measured northerly from its intersection with the centre line of the King's Highway known as No. 644 in the Township of Harrison in the Territorial District of Parry Sound and a point situate 700 feet measured southerly from its intersection with the centre line of the roadway known as Algonquin Road in that part of the City of Sudbury in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Broder in the Territorial District of Sudbury.

(2) Part 3 of the said Schedule 78 is amended by adding thereto the following paragraphs:

3. That part of the King's Highway known as No. 69 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the northerly limit of the City of Sudbury and a point situate 750 feet measured southerly from its intersection with the centre line of the roadway known as Vera Street in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury.

4. That part of the King's Highway known as No. 69 in The Regional Municipality of Sudbury lying between a point situate 1900 feet measured northerly from its intersection with the centre line of the King's Highway known as No. 634 in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury, and a point situate 200 feet measured westerly from its intersection with the westerly limit of the roadway known as Glenn Street in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Hanmer in the Territorial District of Sudbury.

5. That part of the King's Highway known as No. 69 in The Regional Municipality of Sudbury lying between a point situate 500 feet measured westerly from its intersection with the westerly limit of the southerly junction of the King's Highway known as No. 545 in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Capreol in the Territorial District

of Sudbury and a point situate at its intersection with the southerly limit of the Town of Capreol.

(3) Paragraph 2 of Part 4 of the said Schedule 78 is revoked and the following substituted therefor:

2. That part of the King's Highway known as No. 69 in that part of the Town of Valley East in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury lying between a point situate 750 feet measured southerly from its intersection with the centre line of the roadway known as Vera Street and a point situate 700 feet measured southerly from its intersection with the centre line of the King's Highway known as No. 634.

(4) Paragraph 1 of Part 5 of the said Schedule 78 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 69 in that part of the Town of Valley East in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury commencing at a point situate 700 feet measured southerly from its intersection with the centre line of the King's Highway known as No. 634 and extending northerly therealong for a distance of 2600 feet more or less.

(5) Paragraph 5 of Part 5 of the said Schedule 78 is revoked and the following substituted therefor:

5. That part of the King's Highway known as No. 69 in the City of Sudbury in The Regional Municipality of Sudbury commencing at a point situate 700 feet measured southerly from its intersection with the centre line of the roadway known as Algonquin Road and extending northerly therealong for a distance of 925 feet more or less.

(6) Paragraph 1 of Part 6 of the said Schedule 78 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 69 in The Regional Municipality of Sudbury lying between a point situate 200 feet measured



Town of  
Valley East

westerly from its intersection with the westerly limit of the roadway known as Glenn Street in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Hanmer in the Territorial District of Sudbury and a point situate 500 feet measured westerly from its intersection with the westerly limit of the southerly junction of the King's Highway known as No. 545 in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Capreol in the Territorial District of Sudbury.

# PART 3

Regional  
Municipality  
of Sudbury—

City of  
Sudbury

Town of  
Rayside-  
Balfour

1. That part of the King's Highway known as No. 144 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the westerly limit of the City of Sudbury and a point situate at its intersection with the easterly limit of the roadway known as Edward Street in that part of the Town of Rayside-Balfour, that on the 31st day of December, 1972, was the Township of Balfour in the Territorial District of Sudbury.

Regional  
Municipality  
of Sudbury—

Town of  
Dowling

2. That part of the King's Highway known as No. 144 in that part of the Town of Dowling in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dowling in the Territorial District of Sudbury lying between a point situate 500 feet measured easterly from its intersection with the easterly limit of the roadway known as Houle Avenue and a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Lionel Avenue.

Regional  
Municipality  
of Sudbury—

Town of  
Dowling

3. That part of the King's Highway known as No. 144 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the southerly limit of the King's Highway known as No. 544 in that part of the Town of Dowling, that on the 31st day of December, 1972, was the Township of Dowling in the Territorial District of Sudbury and a point situate at its intersection with the westerly limit of the Town of Dowling. O. Reg. 270/73, s. 3 (3).

(4) Paragraph 1 of Part 4 of the said Schedule 124 is revoked.

(5) Paragraph 2 of Part 4 of the said Schedule 124 is revoked and the following substituted therefor:

Regional  
Municipality  
of Sudbury—

Town of  
Rayside-  
Balfour

2. That part of the King's Highway known as No. 144 in that part of the Town of Rayside-Balfour in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Balfour in the Territorial District of Sudbury lying between a point situate at its intersection with the easterly limit of the roadway known as Edward Street and a point situate at its intersection with the northerly limit of the water-course known as Whitson River.

Regional  
Municipality  
of Sudbury—

Town of  
Dowling

1. That part of the King's Highway known as No. 144 in that part of the Town of Dowling in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dowling lying between a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Lionel Avenue and a point situate at its intersection with the southerly limit of the King's Highway known as No. 544.

(2) Paragraph 1 of Part 2 of the said Schedule 124 is revoked and the following substituted therefor:

Regional  
Municipality  
of Sudbury—

Towns of  
Rayside-  
Balfour and  
Dowling

1. That part of the King's Highway known as No. 144 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the northerly limit of the water-course known as Whitson River in that part of the Town of Rayside-Balfour, that on the 31st day of December, 1972, was the Township of Balfour in the Territorial District of Sudbury and a point situate 500 feet measured easterly from its intersection with the easterly limit of the roadway known as Houle Avenue in that part of the Town of Dowling, that on the 31st day of December, 1972, was the Township of Dowling in the Territorial District of Sudbury.

(3) Part 3 of the said Schedule 124 is revoked and the following substituted therefor:



(6) Paragraph 1 of Part 5 of the said Schedule 124 is revoked.

4. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 143a**

**HIGHWAY NO. 536**

**PART 1**

(Reserved)

**PART 2**

(Reserved)

**PART 3**

1. That part of the King's Highway known as No. 536 in that part of the Town of Walden in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Waters in the Territorial District of Sudbury lying between a point situate at its intersection with the northerly limit of the King's Highway known as No. 17 and a point situate 200 feet measured southerly from its intersection with the southerly limit of the roadway known as First Avenue.

2. That part of the King's Highway known as No. 536 in the Town of Walden in The Regional Municipality of Sudbury commencing at a point situate 200 feet measured northerly from its intersection with the northerly limit of the roadway known as Twelfth Avenue and extending northerly therealong to the end of the said Highway No. 536.

**PART 4**

(Reserved)

**PART 5**

(Reserved)

**PART 6**

(Reserved)

**PART 7**

(Reserved)

**PART 8**

(Reserved)

O. Reg. 270/73, s. 4.

5.—(1) Part 3 of Schedule 144 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**PART 3**

1. That part of the King's Highway known as No. 536 in The Regional Municipality of Sudbury lying between a point situate 1500 feet measured southerly from its intersection with the southerly limit of the King's Highway known as No. 17 in that part of the Town of Nickel Centre, that on the 31st day of December, 1972, was the Township of Dryden in the Territorial District of Sudbury and a point situate at its intersection with the southerly limit of the Town of Nickel Centre. O. Reg. 270/73, s. 5 (1).

(2) Paragraph 1 of Part 7 of the said Schedule 144 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 537 in that part of the Town of Nickel Centre in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Dryden in the Territorial District of Sudbury commencing at a point situate at its intersection with the southerly limit of the King's Highway known as No. 17 and extending southerly therealong for a distance of 1500 feet more or less.

6.—(1) Part 3 of Schedule 148 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**PART 3**

1. That part of the King's Highway known as No. 541 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the northerly limit of the City of Sudbury and a point situate 200 feet measured southerly from its intersection with the southerly limit of the roadway known as Metcalfe Avenue in that part of the Town of Nickel Centre, that on the 31st day of December, 1972, was the Township of Garson in the Territorial District of Sudbury.

2. That part of the King's Highway known as No. 541 in The Regional Municipality of Sudbury commencing at a point situate 100 feet measured

Town of Nickel Centre northerly from its intersection with the roadway known as Church Street in that part of the Town of Nickel Centre, that on the 31st day of December, 1972, was the Township of Garson in the Territorial District of Sudbury and extending northerly therealong to the end of the said Highway No. 541. O. Reg. 270/73, s. 6 (1).

(2) Paragraph 1 of Part 5 of the said Schedule 148 is revoked and the following substituted therefor:

Regional Municipality of Sudbury—  
Town of Nickel Centre  
1. That part of the King's Highway known as No. 541 in that part of the Town of Nickel Centre in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Garson in the Territorial District of Sudbury lying between a point situate 200 feet measured southerly from its intersection with the southerly limit of the roadway known as Metcalfe Avenue and a point situate 100 feet measured northerly from its intersection with the northerly limit of the roadway known as Church Street.

7. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 148a**

**HIGHWAY NO. 541A**

**PART 1**

(Reserved)

**PART 2**

(Reserved)

**PART 3**

Regional Municipality of Sudbury—  
Town of Nickel Centre  
1. That part of the King's Highway known as No. 541A in the Town of Nickel Centre in The Regional Municipality of Sudbury commencing at a point situate at its intersection with the easterly limit of the King's Highway known as No. 541 and extending easterly therealong to the end of the said Highway No. 541A.

**PART 4**

(Reserved)

**PART 5**

(Reserved)

**PART 6**

(Reserved)

**PART 7**

(Reserved)

**PART 8**

(Reserved)

O. Reg. 270/73, s. 7.

8.—(1) Part 3 of Schedule 151 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

**PART 3**

Regional Municipality of Sudbury—  
City of Sudbury  
1. That part of the King's Highway known as No. 543 in that part of the City of Sudbury in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Broder in the Territorial District of Sudbury lying between a point situate 800 feet measured southerly from its intersection with the southerly limit of the roadway known as Esther Street and a point situate 100 feet measured northerly from its intersection with the northerly limit of the roadway known as Pennala Avenue. O. Reg. 270/73, s. 8 (1).

(2) Paragraphs 1 and 2 of Part 5 of the said Schedule 151 are revoked and the following substituted therefor:

Regional Municipality of Sudbury—  
City of Sudbury  
1. That part of the King's Highway known as No. 543 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the westerly limit of the King's Highway known as No. 69 in the City of Sudbury and a point situate 800 feet measured southerly from its intersection with the southerly limit of the roadway known as Esther Street in that part of the City of Sudbury, that on the 31st day of December, 1972, was the Township of Broder in the Territorial District of Sudbury.

Regional Municipality of Sudbury—  
City of Sudbury  
2. That part of the King's Highway known as No. 543 in that part of the City of Sudbury in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Broder in the Territorial District of Sudbury lying between a point situate 100 feet measured northerly from its intersection with the

northerly limit of the roadway known as Pennala Avenue and a point situate at its intersection with the line between lots 6 and 7 in Concession 3.

9. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

#### Schedule 151a

#### HIGHWAY NO. 544

##### PART 1

(Reserved)

##### PART 2

(Reserved)

##### PART 3

1. That part of the King's Highway known as No. 544 in the Town of Dowling in The Regional Municipality of Sudbury commencing at a point situate at its intersection with the King's Highway known as No. 144 and extending northerly therealong to the end of the said Highway No. 544.

##### PART 4

(Reserved)

##### PART 5

(Reserved)

##### PART 6

(Reserved)

##### PART 7

(Reserved)

##### PART 8

(Reserved)

O. Reg. 270/73, s. 9, *part.*

#### Schedule 151b

#### HIGHWAY NO. 545

##### PART 1

(Reserved)

##### PART 2

(Reserved)

#### PART 3

1. That part of the King's Highway known as No. 545 in The Regional Municipality of Sudbury lying between a point situate at its intersection with the northerly limit of the King's Highway known as No. 541 in that part of the Town of Nickel Centre, that on the 31st day of December, 1972, was the Township of Falconbridge in the Territorial District of Sudbury and a point situate at its intersection with the easterly limit of the southerly junction of the King's Highway known as No. 69 in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Capreol in the Territorial District of Sudbury.
2. That part of the King's Highway known as No. 545 in The Regional Municipality of Sudbury commencing at a point situate in that part of the Town of Capreol, that on the 31st day of December, 1972, was the southerly limit of the Township of Norman in the Territorial District of Sudbury and extending northerly therealong to the end of the said Highway No. 545.

##### PART 4

(Reserved)

##### PART 5

(Reserved)

##### PART 6

(Reserved)

##### PART 7

(Reserved)

##### PART 8

(Reserved)

O. Reg. 270/73, s. 9, *part.*

#### Schedule 151c

#### HIGHWAY NO. 549

##### PART 1

(Reserved)

##### PART 2

(Reserved)



PART 3

Regional  
Municipality  
of Sudbury—

Town of  
Walden

1. That part of the King's Highway known as No. 549 in the Town of Walden in The Regional Municipality of Sudbury commencing at a point situate at its intersection with the southerly limit of the King's Highway known as No. 17 and extending southerly therealong to the end of the said Highway No. 549.

PART 4

(Reserved)

PART 5

(Reserved)

PART 6

(Reserved)

PART 7

(Reserved)

PART 8

(Reserved)

O. Reg. 270/73, s. 9, *part.*

10.—(1) Part 3 of Schedule 177 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

PART 3

Regional  
Municipality  
of Sudbury—

Town of  
Valley East

1. That part of the King's Highway known as No. 634 in The Regional Municipality of Sudbury lying between a point situate 200 feet measured westerly from its intersection with the westerly limit of the roadway known as Marie Street in that part of the Town of Valley East, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury and a point situate 2010 feet measured easterly from its intersection with the easterly limit of the roadway known as Martin Road in that part of the Town of Valley East, that on the 31st day of December, 1972 was the locality of Blezard Valley in the Township of Blezard in the Territorial District of Sudbury.

Regional  
Municipality  
of Sudbury—

2. That part of the King's Highway known as No. 634 in The Regional Municipality of Sudbury lying between a point situate 4480 feet measured

Towns of  
Valley East  
and Rayside-  
Balfour

westerly from its intersection with the easterly limit of the roadway known as Martin Road in that part of the Town of Valley East, that on the 31st day of December, 1972, was the locality of Blezard Valley in the Township of Blezard in the Territorial District of Sudbury and a point situate at its intersection with the northerly limit of the King's Highway known as No. 144 in that part of the Town of Rayside-Balfour, that on the 31st day of December, 1972, was the line between the townships of Balfour and Rayside in the Territorial District of Sudbury. O. Reg. 270/73, s. 10 (1).

(2) Paragraph 1 of Part 4 of the said Schedule 177 is revoked and the following substituted therefor:

Regional  
Municipality  
of Sudbury—

Town of  
Valley East

1. That part of the King's Highway known as No. 634 in that part of the Town of Valley East in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Blezard in the Territorial District of Sudbury lying between a point situate at its intersection with the westerly limit of the King's Highway known as No. 69 and a point situate 200 feet measured westerly from its intersection with the westerly limit of the roadway known as Marie Street.

(3) Paragraph 1 of Part 5 of the said Schedule 177 is revoked and the following substituted therefor:

Regional  
Municipality  
of Sudbury—

Town of  
Valley East

1. That part of the King's Highway known as No. 634 in The Regional Municipality of Sudbury commencing at a point situate 2010 feet measured easterly from its intersection with the easterly limit of the roadway known as Martin Road in that part of the Town of Valley East, that on the 31st day of December, 1972, was the locality of Blezard Valley in the Township of Blezard in the Territorial District of Sudbury and extending westerly therealong for a distance of 6490 feet more or less.

11. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

Schedule 183a

HIGHWAY NO. 658

PART 1

(Reserved)

PART 2

(Reserved)

PART 3

1. That part of the King's Highway known as No. 658 in The Regional Municipality of Sudbury commencing at a point situate at its intersection with the King's Highway known as No. 17 in that part of the Town of Walden, that on the 31st day of December, 1972, was the Township of Denison in the Territorial District of Sudbury and extending northerly therealong to the end of the said Highway No. 658.

PART 4

(Reserved)

PART 5

(Reserved)

PART 6

(Reserved)

PART 7

(Reserved)

PART 8

(Reserved)

O. Reg. 270/73, s. 11, *part.*

Schedule 184a

HIGHWAY NO. 806

PART 1

(Reserved)

PART 2

(Reserved)

PART 3

1. That part of the King's Highway known as No. 806 in The Regional Municipality of Sudbury commencing at a point situate at its intersection with the easterly limit of the King's Highway known as No. 545 in that part of the Town of Capreol, that on the 31st day of December, 1972,

was the Township of Hutton in the Territorial District of Sudbury and extending northerly therealong to the end of the said Highway No. 806.

PART 4

(Reserved)

PART 5

(Reserved)

PART 6

(Reserved)

PART 7

(Reserved)

PART 8

(Reserved)

O. Reg. 270/73, s. 11, *part.*

Schedule 184b

HIGHWAY NO. 7147

PART 1

(Reserved)

PART 2

(Reserved)

PART 3

(Reserved)

PART 4

1. That part of the King's Highway known as No. 7147 in that part of the Town of Rayside-Balfour in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Rayside in the Territorial District of Sudbury lying between a point situate 750 feet measured northerly from its intersection with the northerly limit of the southerly junction of the roadway known as Paquette Street and a point situate at its intersection with the southerly limit of the northerly junction of the King's Highway known as No. 144.

PART 5

Regional Municipality of Sudbury—  
  
Town of Rayside-Balfour

1. That part of the King's Highway known as No. 7147 in that part of the Town of Rayside-Balfour in The Regional Municipality of Sudbury, that on the 31st day of December, 1972, was the Township of Rayside in the Territorial District of Sudbury lying between a point situate at its intersection with the northerly limit of the southerly junction of the King's Highway known as No. 144 and a point situate 750 feet measured northerly from its intersection with the northerly limit of the southerly junction of the roadway known as Paquette Street.

PART 6

(Reserved)

PART 7

(Reserved)

PART 8

(Reserved)

O. Reg. 270/73, s. 11, *part.*

(5517)

21

# THE HIGHWAY TRAFFIC ACT

**O. Reg. 271/73.**

Speed Limits.

Made—May 2nd, 1973.

Filed—May 7th, 1973.

## REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Paragraph 2 of Part 1 of Schedule 75 to Regulation 429 of Revised Regulations of Ontario, 1970, as made by subsection 1 of section 20 of Ontario Regulation 34/73, is revoked and the following substituted therefor:

District of Cochrane—  
  
Town of Iroquois Falls  
  
City of Timmins

2. That part of the King's Highway known as No. 67 in the Territorial District of Cochrane lying between a point situate at its intersection with the southerly junction of the westerly limit of the King's Highway known as No. 11 in the Town of Iroquois Falls and a point situate at its intersection with the northerly limit of the King's Highway known as No. 101 in the City of Timmins.

2.—(1) Paragraph 1 of Part 1 of Schedule 104 to Regulation 429 of Revised Regulations of Ontario, 1970, as remade by subsection 1 of section 10 of Ontario Regulation 512/71, is revoked and the following substituted therefor:

District of Cochrane—  
  
Twp. of Black River

1. That part of the King's Highway known as No. 101 in the Territorial District of Cochrane lying between a point situate at its intersection with the westerly limit of the King's Highway known as No. 11 in the Township of Black River in the Municipal Township of Black River-Matheson and a point situate 5800 feet measured easterly from its intersection with the easterly limit of the easterly crossing of the Ontario Northland Railway right-of-way in that part of the City of Timmins, that on the 31st day of December, 1972, was the Township of Whitney.

(2) Paragraph 3 of Part 1 of the said Schedule 104, as made by subsection 2 of section 10 of Ontario Regulation 512/71, is revoked and the following substituted therefor:

District of Cochrane—  
  
City of Timmins

3. That part of the King's Highway known as No. 101 lying between a point situate 1000 feet measured westerly from its intersection with the westerly limit of the roadway known as Mountjoy Road No. 2 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Mountjoy and a point situate 2.4 miles measured westerly from its intersection with the westerly limit of the City of Timmins.

(3) Paragraph 1 of Part 2 of the said Schedule 104 is revoked and the following substituted therefor:

District of Cochrane—  
  
City of Timmins

1. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Tisdale lying between a point situate 750 feet measured westerly from its intersection with the westerly limit of the roadway known as Legion Drive and a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Carrium Road.

(4) Part 3 of the said Schedule 104 is revoked and the following substituted therefor:



## PART 3

District of  
Cochrane—  
  
City of  
Timmins

1. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Whitney commencing at a point situate at its intersection with the easterly limit of the easterly crossing of the Ontario Northland Railway and extending easterly therealong for a distance of 5800 feet more or less.

District of  
Cochrane—  
  
City of  
Timmins

2. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Whitney lying between a point situate at its intersection with the westerly limit of the bridge over the watercourse between Shallow Lake and Porcupine Lake and a point situate 1500 feet measured easterly from its intersection with the easterly limit of the roadway known as Crawford Street.

District of  
Cochrane—  
  
City of  
Timmins

3. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Mountjoy lying between a point situate 600 feet measured westerly from its intersection with the westerly limit of the roadway known as Shirley Street and a point situate 1000 feet measured westerly from its intersection with the westerly limit of the roadway known as Mountjoy Road No. 2. O. Reg. 271/73, s. 2 (4).

(5) Paragraph 1 of Part 4 of the said Schedule 104 is revoked and the following substituted therefor:

District of  
Cochrane—  
  
City of  
Timmins

1. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Tisdale commencing at a point situate 500 feet measured westerly from its intersection with the westerly limit of the roadway known as Carrium Road and extending westerly therealong for a distance of 1600 feet more or less.

(6) Paragraph 1 of Part 5 of the said Schedule 104 is revoked and the following substituted therefor:

District of  
Cochrane—  
  
City of  
Timmins

1. That part of the King's Highway known as No. 101 in the Territorial District of Cochrane lying between a point situate 750 feet measured westerly from its intersection with the westerly limit of the roadway known as Legion Drive in that part of the City of Timmins, that on the 31st day of December, 1972, was the Township of Tisdale and a point situate 1500 feet measured easterly from its intersection with the easterly limit of the roadway known as Crawford Street in that part of the City of Timmins, that on the 31st day of December, 1972, was the Township of Whitney.

(7) Paragraph 1 of Part 6 of the said Schedule 104 is revoked and the following substituted therefor:

District of  
Cochrane—  
  
City of  
Timmins

1. That part of the King's Highway known as No. 101 in that part of the City of Timmins in the Territorial District of Cochrane, that on the 31st day of December, 1972, was the Township of Mountjoy lying between a point situate at its intersection with the westerly abutment of the bridge over the Mattagami River and a point situate 600 feet measured westerly from its intersection with the westerly limit of the roadway known as Shirley Street.

(8) Paragraph 1 of Part 7 of the said Schedule 104 is revoked.

3. Part 3 of Schedule 124 to Regulation 429 of Revised Regulations of Ontario, 1970, as remade by subsection 3 of section 3 of Ontario Regulation 270/73, is amended by adding thereto the following paragraph:

District of  
Cochrane—  
  
City of  
Timmins

4. That part of the King's Highway known as No. 144 in the City of Timmins in the Territorial District of Cochrane lying between a point situate at its intersection with the King's Highway known as No. 101 and a point situate at its intersection with the southerly limit of the City of Timmins.

4.—(1) Paragraph 1 of Part 1 of Schedule 163a to Regulation 429 of Revised Regulations of Ontario, 1970, as made by section 12 of Ontario Regulation 512/71, is revoked and the following substituted therefor:

District of  
Cochrane—  
  
City of  
Timmins

1. That part of the King's Highway known as No. 576 in the City of Timmins in the Territorial District of Cochrane lying between a point situate at its intersection with the King's Highway known as No. 101

and a point situate 4700 feet measured northerly from its intersection with the line, that on the 31st day of December, 1972, was between the townships of Jamieson and Robb.

- (2) Part 3 of the said Schedule 163*a* is revoked and the following substituted therefor:

PART 3

1. That part of the King's Highway known as No. 576 in the City of Timmins in the Territorial District of Cochrane commencing at a point situate 4700 feet measured northerly from its intersection with the line, that on the 31st day of December, 1972, was between the townships of Jamieson and Robb and extending northerly therealong to the end of the said Highway No. 576. O. Reg. 271/73, s. 4 (2).

5. Paragraph 1 of Part 5 of Schedule 170*a* to Regulation 429 of Revised Regulations of Ontario, 1970, as made by subsection 2 of section 23 of Ontario Regulation 34/73, is revoked and the following substituted therefor:

1. That part of the King's Highway known as Old Highway No. 610 in the City of Timmins in the Territorial District of Cochrane commencing at a point situate at its intersection with the King's Highway known as No. 610 and extending westerly therealong for a distance of 3000 feet more or less.

6. Regulation 429 of Revised Regulations of Ontario, 1970 is amending by adding thereto the following schedules:

Schedule 170*b*

HIGHWAY NO. 610

PART 1

(Reserved)

PART 2

(Reserved)

PART 3

1. That part of the King's Highway known as No. 610 in the City of Timmins in the Territorial District of Cochrane lying between a point situate at its intersection with the northerly limit of the King's Highway

known as No. 101 and a point situate at its intersection with the easterly limit of the King's Highway known as No. 67.

PART 4

(Reserved)

PART 5

(Reserved)

PART 6

(Reserved)

PART 7

(Reserved)

PART 8

(Reserved)

O. Reg. 271/73, s. 6, *part.*

Schedule 176*a*

HIGHWAY NO. 629

PART 1

(Reserved)

PART 2

(Reserved)

PART 3

1. That part of the King's Highway known as No. 629 in the City of Timmins in the Territorial District of Cochrane commencing at a point situate 500 feet measured northerly from its intersection with the northerly limit of the roadway known as Theriault Drive and extending northerly therealong to the end of the said Highway No. 629.

PART 4

(Reserved)

PART 5

(Reserved)

PART 6

(Reserved)

## PART 7

(Reserved)

## PART 8

(Reserved)

O. Reg. 271/73, s. 6, *part.*

7. Paragraph 1 of Part 1 of Schedule 183 to Regulation 429 of Revised Regulations of Ontario, 1970 is revoked and the following substituted therefor:

1. That part of the King's Highway known as No. 655 in the City of Timmins in the Territorial District of Cochrane commencing at a point situate at its intersection with the northerly limit of the King's Highway known as No. 101 and extending northerly therealong to the end of the said Highway No. 655.

8. Regulation 429 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

## Schedule 184c

## HIGHWAY NO. 803

## PART 1

(Reserved)

## PART 2

(Reserved)

## PART 3

1. That part of the King's Highway known as No. 803 in the City of Timmins in the Territorial District of Cochrane commencing at a point situate at its intersection with the southerly limit of the King's Highway known as No. 101 and extending southerly therealong to the end of the said Highway No. 803.

## PART 4

(Reserved)

## PART 5

(Reserved)

## PART 6

(Reserved)

## PART 7

(Reserved)

## PART 8

(Reserved)

O. Reg. 271/73, s. 8, *part.*

(5518)

21

## THE PUBLIC HEALTH ACT

## O. Reg. 272/73.

Health Units—General.

Made—April 16th, 1973.

Approved—May 2nd, 1973.

Filed—May 8th, 1973.

REGULATION MADE UNDER  
THE PUBLIC HEALTH ACT

1. Item 5 of Appendix A to Regulation 711 of Revised Regulations of Ontario, 1970, as amended by section 1 of Ontario Regulation 130/72, and items 26 and 27 of the said Appendix A, are revoked and the following substituted therefor:
5. All the municipalities in the Territorial District of Cochrane and that part of the Township of Black River-Matheson (formerly the Improvement District of Kingham) within the Territorial District of Timiskaming.
26. All the municipalities in the Territorial District of Timiskaming except that part of the Township of Black River-Matheson (formerly the Improvement District of Kingham) within the Territorial District of Timiskaming, and the Improvement District of Temagami in the Territorial District of Nipissing.
27. The Regional Municipality of Waterloo.
2. Schedule 26 to Regulation 711 of Revised Regulations of Ontario, 1970, as amended by section 2 of Ontario Regulation 130/72, schedules 32 and 34, and Schedule 38, as remade by section 1 of Ontario Regulation 120/71, are revoked and the following substituted therefor:



**Schedule 26****PORCUPINE HEALTH UNIT**

1. The Board of Health of the Porcupine Health Unit shall be composed of:

- i. Four members to be appointed by the Municipal Council of the City of Timmins.
- ii. One member to be appointed by the Municipal Council of the Town of Iroquois Falls.
- iii. One member to be appointed by the Municipal Council of the Municipal Township of Black River-Matheson.
- iv. One member to be appointed by the Municipal Council of the Town of Smooth Rock Falls, and the Municipal Council of the Township of Kendrey.
- v. One member to be appointed by the Municipal Council of the Town of Kapuskasing and the municipal councils of the municipal townships of Faquier and Shackleton and Machin.
- vi. One member to be appointed by the Municipal Council of the Town of Cochrane and the Municipal Council of the Municipal Township of Glackmeyer.
- vii. One member to be appointed by the Municipal Council of the Town of Hearst, and the Municipal Council of the Township of Wicksteed.
- viii. Not more than two persons appointed by the Lieutenant Governor in Council upon the recommendation of the Minister of Health. O. Reg. 272/73, s. 2, *part*.

2. A member appointed by a municipal council or by more than one municipal council shall hold office during the pleasure of the municipal council or the municipal councils that appointed him as the case may be.

**Schedule 32****SUDBURY AND DISTRICT HEALTH UNIT**

1. The Board of Health of the Sudbury and District Health Unit shall be composed of:

- i. Seven members appointed by the Council of the Regional Municipality of Sudbury who are also members of the Regional Council.

ii. One member to be appointed by the municipal councils of the towns of Gore Bay and Little Current, and the municipal councils of the municipal townships of Assiginack, Barrie Island, Billings, Burpee, Carnarvon, Cockburn Island, Gordon, Howland, Rutherford and George Island, Sandfield and Tehkummah.

iii. One member to be appointed by the Municipal Council of the Town of Espanola, the Municipal Council of the Town of Webbwood, the Municipal Council of the Town of Massey and the Municipal Council of the townships of Salter, May and Harrow, and the municipal councils of the townships of Baldwin, Nairn and Hallam.

iv. One member to be appointed by the Municipal Council of the Township of Hagar and the municipal councils of the townships of Casimir, Jennings and Appleby, Ratter and Dunnet, and Cosby, Mason, and Martland.

v. One member to be appointed by the Council of the Corporation of the Township of Elliot Lake and the Municipal Council of the Township of Chapleau.

vi. Not more than two persons appointed by the Lieutenant Governor in Council upon the recommendation of the Minister of Health. O. Reg. 272/73, s. 2, *part*.

**Schedule 34****WATERLOO REGIONAL HEALTH UNIT**

The Board of Health of The Waterloo Regional Health Unit shall be composed as set out in section 101 of *The Regional Municipality of Waterloo Act, 1972*. O. Reg. 272/73, s. 2, *part*.

**Schedule 38****YORK REGIONAL HEALTH UNIT**

The Board of Health of the York Regional Health Unit shall be composed as set out in section 95 of *The Regional Municipality of York Act*. O. Reg. 272/73, s. 2, *part*.

3. This Regulation shall be deemed to have come into force on the 1st day of January, 1973.

R. T. POTTER  
*Minister of Health*

Dated at Toronto, this 16th day of April, 1973.

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

### O. Reg. 273/73.

Sittings of the General Sessions of the Peace  
and Sittings of the County Court for the  
County of Peterborough.

Made—May 7th, 1973.

Filed—May 8th, 1973.

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of  
*The County Courts Act*; and

IN THE MATTER OF the sittings of the General  
Sessions of the Peace and of the sittings of the  
County Court for the trial of issues of fact and  
assessment of damages with or without a jury,  
for the County of Peterborough.

### ORDER

IT IS ORDERED that the sittings of the Court  
of General Sessions of the Peace and the Sittings  
of the County Court for the trial of issues of fact  
and assessment of damages with or without a jury  
for the County of Peterborough, shall be held com-  
mencing on Monday, November 19th, 1973, instead  
of November 5th, 1973.

AND IT IS FURTHER ORDERED that a copy of this  
Order shall be mailed by ordinary post to the  
Attorney General of Ontario, and that a copy of  
this Order shall be posted in the office of the Clerk  
of the County Court of the County of Peterborough,  
and in the office of the Clerk of the General Sessions  
of Peace for the said County. O. Reg. 273/73,  
*Order*.

C. E. BENNETT

*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario.*

Dated at the City of Toronto, in The Municipality  
of Metropolitan Toronto, this 7th day of May, 1973.

(5520)

21

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

### O. Reg. 274/73.

Sittings of the General Sessions of the Peace  
and Sittings of the County Court for the  
County of Simcoe.

Made—May 7th, 1973.

Filed—May 8th, 1973.

## THE GENERAL SESSIONS ACT THE COUNTY COURTS ACT

IN THE MATTER OF *The General Sessions Act*, and of  
*The County Courts Act*; and

IN THE MATTER OF the sittings of the General  
Sessions of the Peace and of the sittings of the  
County Court for the trial of issues of fact and  
assessment of damages with or without a jury,  
for the County of Simcoe.

### ORDER

IT IS ORDERED that a sittings of the court of  
General Sessions of the Peace and a Sittings of  
the County Court for the trial of issues of fact and  
assessment of damages with or without a jury for the  
County of Simcoe, shall be held commencing on  
Monday, October 29th, 1973, instead of October 1st,  
1973.

AND IT IS FURTHER ORDERED that the sittings  
of the County Court for the trial of issues of fact  
and assessment of damages without a jury for the  
County of Simcoe, shall be held commencing on  
Monday, December 3rd, 1973, instead of November  
5th, 1973.

AND IT IS FURTHER ORDERED that a copy of this  
Order shall be mailed by ordinary post to the  
Attorney General of Ontario, and that a copy of  
this Order shall be posted in the office of the  
Clerk of the County Court of the County of Simcoe,  
and in the office of the Clerk of the General  
Sessions of the Peace for the said County. O. Reg.  
274/73, *Order*.

C. E. BENNETT

*Chief Judge of the County  
and District Courts of the Counties  
and Districts of Ontario.*

Dated at the City of Toronto, in The Municipality  
of Metropolitan Toronto, this 7th day of May, 1973.

(5521)

21

## THE MANAGEMENT BOARD OF CABINET ACT, 1971

### O. Reg. 275/73.

Retention and Disposal of Records.

Made—April 3rd, 1973.

Approved—April 25th, 1973.

Filed—May 10th, 1973.

## REGULATION MADE UNDER THE MANAGEMENT BOARD OF CABINET ACT, 1971

### RETENTION AND DISPOSAL OF RECORDS

#### INTERPRETATION

1. In this Regulation,

(a) "Branch" means the Records Services  
Branch of the Archives of Ontario;



- (b) "Committee" means the Records Management Committee established by the Board to deal with all matters relating to records management in the public service;
- (c) "Ministry Committee" means the Records Management Committee established by a ministry to deal with all matters relating to the ministry's records management;
- (d) "records" means the records of a ministry and includes records, variable data forms, memoranda, papers, notebooks, maps, plans, photographs, films, sound recordings, paper tapes, microfilm, microfiche, data captured or any data used as input or output in any data processing devices, and documentary material, regardless of physical form or characteristics, heretofore or hereafter created in, acquired or received by a ministry, committee, task force or an organization established to make inquiries or reviews whether appointed by an Order-in-Council or by a ministry, except,
  - (i) library or museum material made or acquired and preserved solely for reference or exhibition purposes,
  - (ii) extra copies of records preserved only for convenience of reference,
  - (iii) working papers,
  - (iv) stocks of publications of printed literature and blank variable data forms;
- (e) "records management" means the program instituted by the Committee to provide economies and efficiency of operation in handling records by the establishment of controls in respect of the quantity and quality of records, the organization of files and the maintenance and disposition of records to ensure that records of nominal value are not created or kept and that valuable records will be preserved and easily retrieved.
- (f) "Records Services Manager" means the public servant responsible for all aspects of records management within a ministry and who shall possess a thorough knowledge of the management of records and variable data forms and shall act as secretary of the Ministry Committee;
- (g) "Records Services Officer" means a public servant appointed to assist the Records Services Manager and includes a public servant responsible for the management of records of an agency that does not require subordinate records management staff; and

- (h) "variable data form" means any medium, however produced, with blank spaces for the insertion or choice of variable data to record or transmit information, and includes letterheads, envelopes, form letters, labels, stickers, tags, file folders, business cards, punched cards, stock continuous forms and ruled pads. O. Reg. 275/73, s. 1.

2.—(1) The Committee shall consist of ten members, one of whom shall be the Archivist of Ontario, and nine members who shall be appointed by the Board.

(2) The nine members referred to in subsection 1 shall be eight public servants employed in ministries and one public servant employed by the Management Board Secretariat.

(3) The Board shall appoint from among the members of the Committee, a chairman and a vice-chairman.

(4) The Board shall appoint a public servant employed by the Management Board Secretariat to act as secretary of the Committee.

(5) Meetings of the Committee shall be called by the chairman, or in his absence by the vice-chairman, of the Committee. O. Reg. 275/73, s. 2.

3.—(1) The Chairman of the Committee may, from time to time, invite public servants whose experience and special knowledge is considered to be of value in records management, to serve as advisory members to the Committee.

(2) When a matter affecting the records of a ministry is before the Committee, a representative from such a ministry may be invited to attend a meeting of the Committee. O. Reg. 275/73, s. 3.

4.—(1) The Committee shall,

- (a) promote and develop records management within the Government of Ontario;
- (b) keep under constant review the state of the records;
- (c) advise ministries upon the arrangement, care, housing and disposal of records;
- (d) review and approve or reject all record retention schedules of ministries and ensure that records are not destroyed or placed in inactive storage until such schedules are approved by the Committee;
- (e) review existing microrecord systems of ministries and the active potentials and economics of proposed microrecord systems, in accordance with standards and procedures for microrecording applications approved by the Board;



- (f) review and approve or reject proposed variable data forms which may be standard to more than one ministry;
  - (g) make recommendations to the Board in respect of the issuing of directives on matters pertaining to records management; and
  - (h) prepare and submit an annual report to the Board on the activities of ministries and resulting economies in respect of records management.
- (2) The secretary shall,
- (a) conduct the correspondence of the Committee;
  - (b) prepare agendas and keep minutes of the Committee meetings;
  - (c) refer to the Committee matters of policy which arise in respect of records management and all proposals for retention or destruction of records; and
  - (d) prepare the annual report for consideration of the Committee. O. Reg. 275/73, s. 4.
5. Each ministry shall,
- (a) appoint a Ministry Committee responsible to the Deputy Minister;
  - (b) appoint for the ministry,
    - (i) a Records Services Manager,
    - (ii) one or more Records Services Officers, or
    - (iii) a Records Services Manager and one or more Records Services Officers,and other records and variable data forms management staff as may be required.
  - (c) maintain through its Ministry Committee, appropriate control over the initiation, maintenance, protection, retention and disposition of all records of the ministry in accordance with the policies of the ministry and the Committee;
  - (d) maintain appropriate classification and declassification systems related to sensitive records of the ministry and provide adequate security precautions for their protection;
  - (e) inventory and schedule all records of the ministry for retirement and eventual destruction or archival retention, and have the schedules approved by the Committee;
- (f) submit to the Committee, after approval by the Archivist of Ontario and the Provincial Auditor, any proposal to destroy records, except those covered by the existing schedules;
  - (g) establish a fully operational variable data forms management activity within Records Management to provide maximum economy through the systematic control of the creation, production and use of variable data forms;
  - (h) assist the Branch in the development of variable data forms which may be standard to more than one ministry;
  - (i) submit to the Committee for approval, all proposals for microfilming its records and the installation of microrecord systems, in accordance with standards and procedures for microrecording applications approved by the Board;
  - (j) release all surplus filing equipment to the central equipment pool, Ministry of Government Services;
  - (k) refer all requisitions for filing equipment to the Records Services Manager or a Records Services Officer for approval;
  - (l) inquire through its Records Services Manager or a Records Services Officer, the availability of stock from the central equipment pool before approving purchase of additional filing equipment;
  - (m) maintain liaison with respect to all aspects of records management with the Branch; and
  - (n) assist the Archives Branch of the Archives of Ontario in ensuring the preservation of non-current records having potential long-term research significance. O. Reg. 275/73, s. 5.
6. The Branch shall,
- (a) provide advice and assistance to ministries in respect of the,
    - (i) inventory and scheduling of records,
    - (ii) development of filing systems and file classification plans,
    - (iii) development of variable data forms management,
    - (iv) development of microrecord systems, in accordance with standards and procedures for microrecording applications approved by the Board, and

- (v) development of control of records of a vital nature;
- (b) review, analyse, design and propose variable data forms which may be standard to more than one ministry;
- (c) cooperate with the Supply and Services Division, Ministry of Government Services, with respect to its responsibility for the economic printing, warehousing and inventory control of approved standard variable data forms;
- (d) assess and advise the Committee on all ministry proposals for microrecord systems;
- (e) provide storage and service for inactive records maintained under approved schedules;
- (f) assist ministries in the training and guidance of their Records Services Managers and Records Services Officers;
- (g) review,
  - (i) the adequacy of file classification systems for records, and
  - (ii) the extent to which the important policies and programs of ministries are indexed and classified to facilitate retrieval for future research;
- (h) ensure that the directives issued by the Committee are understood and followed by all ministries;
- (i) bring to the attention of the Committee the problems or difficulties and new developments and practices of ministries in respect of records management;
- (j) submit reports to the Committee on all aspects of the practical operation of records management;
- (k) develop guides and administrative publications in respect of records management for approval by the Committee;
- (l) assist the Archives Branch of the Archives of Ontario to ensure the preservation of non-current records having potential long-term research significance;
- (m) undertake studies in respect of the management of records and make recommendations and assist in implementation when requested by ministries; and
- (n) maintain liaison with ministries and the secretary of the Committee. O. Reg. 275/73, s. 6.

7. Regulation 350 of Revised Regulations of Ontario, 1970 and Ontario Regulation 370/71 are revoked.

MANAGEMENT BOARD OF CABINET:

ERIC A. WINKLER  
*Chairman*

Dated at Toronto, this 3rd day of April, 1973.

(5534)

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## THE HIGHWAY TRAFFIC ACT

**O. Reg. 276/73.**

Construction Zones.

Made—May 11th, 1973.

Filed—May 11th, 1973.

### REGULATION MADE UNDER THE HIGHWAY TRAFFIC ACT

1. Schedule 24 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

29. That part of the King's Highway known as No. 401 beginning at a point situate at its intersection with the King's Highway known as No. 2 in the Township of Tilbury East in the County of Kent and extending westerly therealong for a distance of 15.0 miles more or less. (W.P. 606-73-01) (D-1).

30. That part of the King's Highway known as No. 401 beginning at a point situate 3000 feet measured westerly from its intersection with the roadway known as Renforth Drive in the Borough of Etobicoke in The Municipality of Metropolitan Toronto and extending westerly therealong for a distance of 5.5 miles more or less. (W.P. 127-66-34) (D-6).

31. That part of the King's Highway known as No. 401 lying between a point situate 300 feet measured easterly from its intersection with the roadway known as Rougemount Drive in the Township of Pickering in the County of Ontario and extending easterly therealong for a distance of 4.1 miles more or less. (W.P. 29-67-01) (D-6).

32. That part of the King's Highway known as No. 401 lying between a point situate 2000 feet measured westerly from its intersection with the roadway known as Leslie Street in the Borough of North York in The Municipality of Metropolitan Toronto and extending easterly therealong for a distance of 4000 feet more or less. (Contract No. 77-207) (D-6).

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 11th day of May, 1973.

(5535)

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**THE HIGHWAY TRAFFIC ACT****O. Reg. 277/73.**

Construction Zones.

Made—May 11th, 1973.

Filed—May 11th, 1973.

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**REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT**

1. Schedule 1 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

47. That part of the King's Highway known as No. 2 in the County of Middlesex lying between a point situate 1340 feet measured northerly from its intersection with the southerly limit of the City of London and a point situate 1600 feet measured westerly from its intersection with the King's Highway known as No. 4 in the Village of Lambeth.

48. That part of the King's Highway known as No. 2 in the Township of North Oxford in the County of Oxford lying between a point situate 700 feet measured southerly from its intersection with the roadway known as Governor's Road and a point situate 700 feet measured westerly from its intersection with the King's Highway known as No. 19. (W.P. 36-68-06) (D-2).

2. Schedule 36 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 653 in the County of Renfrew commencing at a point situate at its intersection with the Ontario-Quebec boundary line and extending westerly therealong for a distance of 4.5 miles more or less. (W.P. 25-68-01).

3. Schedule 39 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

14. That part of the King's Highway known as No. 3 lying between a point situate 3000 feet measured westerly from its intersection with the westerly limit of the Town of Tillsonburg in the County of Norfolk and a point situate 1200 feet measured westerly from its intersection with the line between lots 103 and 104 in Concession North Side of Talbot Road in the Township of Malahide in the County of Elgin.

4. Schedule 40 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

16. That part of the King's Highway known as No. 4 in the County of Elgin lying between a point situate at its intersection with the roadway

known as Elgin County Road No. 20 in the Village of Port Stanley and a point situate 1000 feet measured northerly from its intersection with the northerly limit of the Village of Port Stanley.

17. That part of the King's Highway known as No. 4 in the Township of Southwold in the County of Elgin lying between a point situate 400 feet measured northerly from its intersection with the line between lots A and B in Concession East Branch of the North Talbot Road and a point situate 1000 feet measured southerly from its intersection with the line between lots 42 and 43 in the said Concession East Branch of the North Talbot Road.

5. Schedule 42 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

41. That part of the King's Highway known as No. 7 lying between a point situate at its intersection with the line between the townships of Downie and Blanshard in the County of Perth and a point situate at its intersection with the line between the townships of West Nissouri and London in the County of Middlesex.

42. That part of the King's Highway known as No. 7 in the Township of March in The Regional Municipality of Ottawa-Carleton commencing at a point situate at its intersection with the King's Highway known as the Ottawa-Queensway and extending southerly therealong for a distance of 0.5 mile more or less.

6. Schedule 44 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

73. That part of the King's Highway known as No. 11 in the Town of Bracebridge in The District Municipality of Muskoka lying between a point situate at its intersection with the road allowance between concessions 11 and 12 and a point situate at its intersection with the line between concessions 8 and 9. (W.P. 197-65) (D-11).

7. Schedule 47 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

79. That part of the King's Highway known as No. 17 in the Territorial District of Thunder Bay commencing at a point situate at its intersection with the roadway known as Marathon Road in the Township of Pic and extending easterly therealong for a distance of 16.9 miles more or less. (Contract 73-04) (D-13).

80. That part of the King's Highway known as No. 17 in the County of Renfrew lying between a point situate at its intersection with the line between lots 18 and 19 in Range B in the Township of Rolph and a point situate at its intersection



with the line between lots 2 and 3 in Concession A in the Township of Head. (Contract 73-25) (D-13).

81. That part of the King's Highway known as No. 17 in the County of Renfrew lying between a point situate at its intersection with the line between concessions B and 13 in the Township of Maria and a point situate at its intersection with the line between concessions A and B in the Township of Clara.

82. That part of the King's Highway known as No. 17 in the County of Russell commencing at a point situate at its intersection with the westerly limit of the Town of Rockland and extending easterly therealong for a distance of 9.0 miles more or less. (W.P. 919-67-01).

83. That part of the King's Highway known as No. 17 in the Town of Arnprior in the County of Renfrew commencing at a point situate 0.5 mile measured southerly from its intersection with the southerly abutment of the structure over the Madawaska River and extending northerly therealong for a distance of 1.0 mile more or less. (W.P. 23-71-03) (D-9).

84. That part of the King's Highway known as No. 17 in the Township of March in The Regional Municipality of Ottawa-Carleton commencing at a point situate at its intersection with the King's Highway known as the Ottawa-Queensway and extending northerly therealong for a distance of 1.5 miles more or less. (W.P. 432-64-07) (D-9).

85. That part of the King's Highway known as No. 17 in the Territorial District of Algoma lying between a point situate at its intersection with the King's Highway known as No. 129 in the Township of Thessalon and a point situate at its intersection with the King's Highway known as No. 546 in the Township of Gladstone. (W.P. 16-68-02) (D-18).

8. Schedule 58 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 60 in The District Municipality of Muskoka lying between a point situate at its intersection with the roadway known as District Road No. 3 and a point situate at its intersection with the line between lots 7 and 8 in Concession 9 in the Township of Lake of Bays. (Contract 73-12) (D-11).

9. Schedule 61 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

10. That part of the King's Highway known as No. 64 in the Territorial District of Nipissing lying between a point situate at its intersection with the line between the townships of McLaren and Sisk and a point situate at its intersection

with the northerly abutment of the structure over the Holdridge Creek. (W.P. 72-34187) (D-13).

11. That part of the King's Highway known as No. 64 in the Township of MacPherson in the Territorial District of Nipissing lying between a point situate at its intersection with the line between concessions 4 and 5 and a point situate at its intersection with the line between lots 1 and 2 in Concession 3. (W.P. 70-60-040) (D-13).

12. That part of the King's Highway known as No. 64 in the Territorial District of Sudbury lying between a point situate at its intersection with the line between concessions 4 and 5 in the Township of Haddo and a point situate at its intersection with the line between lots 4 and 5 in Concession 5 in the Township of Martland. (W.P. 119-70-010 and 261-62-020) (D-13).

10. Schedule 67 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 101 in the Territorial District of Algoma lying between a point situate at its intersection with the King's Highway known as No. 17 in Township Tp. 29 and a point situate at its intersection with the northerly limit of the said Township Tp. 29. (W.P. 106-62-02) (D-18).

11. Schedule 71 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

4. That part of the King's Highway known as No. 129 in the Territorial District of Algoma commencing at a point situate at its intersection with the King's Highway known as No. 17 in the Township of Thessalon and extending northerly therealong for a distance of 9.4 miles more or less. (W.P. 246-66-02) (D-18).

12. Schedule 82 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 522 in the Township of East Mills in the Territorial District of Parry Sound lying between a point situate at its intersection with the line between concessions 10 and 11 and a point situate at its intersection with the line between lots 14 and 15 in Concession 9. (W.P. 1541-70-00) (D-13).

13. Schedule 88 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraphs:

4. That part of the King's Highway known as No. 548 in the Township of Tarbutt Additional in the Territorial District of Algoma commencing at a point situate at its intersection with the King's Highway known as No. 17 and extending southerly

therealong for a distance of 3.4 miles more or less. (W.P. 16-68-02) (D-18).

5. That part of the King's Highway known as No. 548 in the Territorial District of Algoma commencing at a point situate 3.4 miles measured southerly from its intersection with the King's Highway known as No. 17 in the Township of Tarbutt Additional and extending westerly therealong for a distance of 3.6 miles more or less. (W.P. 16-68-02) (D-18).

14. Schedule 106 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

2. That part of the King's Highway known as No. 59 in the Township of East Zorra in the County of Oxford lying between a point situate 2000 feet measured northerly from its intersection with the northerly limit of the City of Woodstock and a point situate 2.0 miles measured northerly from its intersection with the King's Highway known as No. 97. (W.P. 820-71-01) (D-2).

15. Schedule 131 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

1. That part of the King's Highway known as No. 81 in the County of Middlesex lying between a point situate at its intersection with the King's Highway known as No. 2 in the Township of Caradoc and a point situate at its intersection with the line between lots 38 and 39 in Concession North Boundary in the Township of McGillivray. (W.P. 632-70-00; 823-71-01 and 883-66-00) (D-2).

16. Schedule 167 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 19 lying between a point situate 500 feet measured southerly from its intersection with the roadway known as Oxford County Road No. 16 in the Township of East Nissouri in the County of Oxford and a point situate at its intersection with the King's Highway known as No. 7 in the Township of Blanshard in the County of Perth. (D-2).

17. Schedule 184 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

1. That part of the King's Highway known as No. 34 in the County of Glengarry commencing at a point situate at its intersection with the southerly limit of the Town of Alexandria and extending southerly therealong for a distance of 12.5 miles more or less. (W.P. 861-67-01) (D-9).

18. Schedule 186 to Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following paragraph:

3. That part of the King's Highway known as No. 535 in the Township of Cherriman in the Territorial District of Sudbury lying between a point situate at its intersection with the line between concessions 1 and 2 and a point situate at its intersection with the line between concessions 3 and 4. (W.P. 106-70-010 and 020) (D-13).

19. Schedule 200 to Regulation 411 of Revised Regulations of Ontario, 1970, as made by section 37 of Ontario Regulation 216/71, is amended by adding thereto the following paragraphs:

6. That part of the King's Highway known as No. 417 in the Township of Cambridge in the County of Russell lying between a point situate at its intersection with the line between lots 17 and 18 in Concession 6 and a point situate at its intersection with the line between lots 18 and 19 in the said Concession 6. (W.P. 95-70-01) (D-9).

7. That part of the King's Highway known as No. 417 in the Township of East Hawkesbury in the County of Prescott lying between a point situate at its intersection with the line between lots 5 and 6 in Concession 1 and a point situate at its intersection with the line between lots 7 and 8 in the said Concession 1. (W.P. 94-70-01) (D-9).

20. Regulation 411 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following schedules:

#### Schedule 230

##### HIGHWAY NO. 135

1. That part of the King's Highway known as No. 135 in the County of Middlesex lying between a point situate at its intersection with the King's Highway known as No. 2 in the Township of Westminster and a point situate at its intersection with the roadway known as Wellington Road in the City of London. (W.P. 814-71-01) (D-2). O. Reg. 277/73, s. 20, *part*.

#### Schedule 231

##### HIGHWAY NO. 630

1. That part of the King's Highway known as No. 630 in the Territorial District of Nipissing lying between a point situate at its intersection with the line between lots 17 and 18 in Concession 2 in the Township of Calvin and a point situate at its intersection with the line between lots 31 and 32 in Concession 6 in the Township of Lauder. (W.P. 1517-71-00 and 1561-70-00) (D-13). O. Reg. 277/73, s. 20, *part*.

GORDON CARTON  
*Minister of Transportation  
and Communications*

Dated at Toronto, this 11th day of May, 1973.



## THE HIGHWAY TRAFFIC ACT

**O. Reg. 278/73.**

Parking.

Made—May 9th, 1973.

Filed—May 11th, 1973.

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REGULATION MADE UNDER  
THE HIGHWAY TRAFFIC ACT

1. Regulation 421 of Revised Regulations of Ontario, 1970 is amended by adding thereto the following Schedule:

**Schedule 34****HIGHWAY NO. 26**

1. That part of the King's Highway known as No. 26 in the Township of Collingwood in the County of Grey commencing at a point situate 2100 feet measured westerly from its intersection with the centre line of the road allowance between concessions 4 and 5 and extending westerly therealong for a distance of 4000 feet more or less. O. Reg. 278/73, Sched.

(5537)

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